DOCKET FILE COPY ORIGINAL FILED/ACCEPTED

Before the FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

MAR 3 1 2010

Federal Communications Commission Office of the Secretary

| In the Matter of |) CC Docket No. 88-2 |
|----------------------------|----------------------|
| Filing and Review of Open |) Phase I |
| Network Architecture Plans |) |

SIX-MONTH REPORT OF QWEST CORPORATION

I. INTRODUCTION

On December 19, 1991, the Federal Communications Commission ("Commission") released a Memorandum Opinion and Order in the above-captioned proceeding, wherein it established certain ongoing reporting requirements in order "to enable the Commission to monitor the BOCs' [Bell Operating Companies] progress in providing ONA [Open Network Architecture] capabilities to ESPs [Enhanced Service Providers]."² In compliance with that Order.³ Owest Corporation ("Qwest") files the following with the Commission:

- 1. A Nationwide Tariff Matrix (Attachment 1).
- BOC ONA Special Report #5 Update (which contains updates of the Cross 2. Reference Guide, Appendices A & B) (Attachment 2).
- Hard copy portions of the ONA Services User Guide (Attachments 3 and 4). 3.
- Diskettes of the ONA Services User Guide.⁵ 4.

No. of Copies reold List ABCDE

¹ In the Matter of Filing and Review of Open Network Architecture Plans, Memorandum Opinion and Order, 6 FCC Rcd. 7646 (1991) ("Monitoring Order" or "Order").

² Id. at 7675 ¶ 64.

³ See id. at 7663 ¶ 35 n.56, 7664 ¶ 38 n.63. See also id. at 7677-79, Appendix B, summarizing the filing requirements.

⁴ Attachment 3 is the "Scrvice Descriptions Section" of the ONA Services User Guide; Attachment 4 is the "Tariff Reference Section" of the same document.

The above-referenced items 1-3 are being filed only with the Commission. The information contained in these submissions is available to interested persons by contacting Qwest InterConnect Services at 402-422-7689.

II. FILINGS REQUIRED BY SUMMARY ORDERING PARAGRAPH

At the conclusion of the Commission's Order, it provided a summary of future filing requirements for the BOCs. Qwest has chosen herein to utilize the Commission's basic "summary" as the outline by which we will make our responses. This methodology was chosen for the Commission's ease of reference in assessing Owest's compliance.

Requirement:

1. "Work through the IILC [Information Industry Liaison Committee] to develop one consolidated nationwide matrix of BOC ONA services and state and federal ONA tariffs, and file the matrix with the Commission."

Response:

Qwest worked through the former IILC and with the other BOCs to develop a combined nationwide tariff reference matrix. This document is included herewith as Attachment 1.

The nationwide matrix includes the generic name of the ONA service, which operating company offers the service in a particular jurisdiction, and whether the service is a Basic Service Element ("BSE"), Basic Serving Arrangement ("BSA"), or Complementary Network Service ("CNS"). The matrix also provides the name of the ONA service, as it is identified in a particular state or federal tariff, and a specific tariff reference.

⁵ These diskettes are being provided directly to the Policy Division of the Commission and include the following material from the ONA Services User Guide: Special Report No. 5 (one diskette) Service Descriptions Section (one diskette), Tariff Reference Section (one diskette), and Wire Center Deployment (two diskettes).

⁶ Monitoring Order, 6 FCC Rcd. at 7678, Appendix B.

⁷ The nationwide matrix was assembled by Pamela Lackner Mitchell Engineering & Consulting at the request of the BOCs.

Each BOC has reviewed the matrix to ensure the accuracy of the information contained therein pertaining to itself. The matrix identifies Qwest's tariffs effective as of January 31, 2010, the effective date of the Tariff Reference Section of the ONA Services User Guide.

Requirement:

2. "File computer diskettes and print outs of data regarding state and federal tariffs."

Response:

This information -- in printout form -- is contained in the Tariff Reference Section of the ONA Services User Guide, which is included herein as Attachment 4. The information as contained on computer diskettes is being provided to the Policy Division of the Commission (see Response to Requirement 3, below).

Requirement:

3. "File a printed copy and computer diskette of the ONA Services User Guide." Response:

A printed copy of the January 31, 2010, ONA Services User Guide accompanies this filing as Attachment 3 (the "Services Description Section") and Attachment 4 (the "Tariff Reference Section"). The ONA Services User Guide as it appears on diskette (which includes wire center deployment information) is being provided to the Policy Division of the Commission coincident with this filing, as requested, and is not herein included as an attachment.

⁸ See note 4, supra. The Tariff Reference Section of the ONA Services User Guide is discussed more fully below and is provided as Attachment 4.

Monitoring Order, 6 FCC Rcd. at 7678, Appendix B.

¹⁰ Id

¹¹ <u>See</u> note 6, <u>supra</u>. The Tariff Reference Section of the ONA Services User Guide provides the information required by the Commission's Monitoring Order. See Monitoring Order, 6 FCC Rcd. at 7664 n.63.

Requirement:

4. "File updated information contained in Appendix A of the January 31, 1991 Cross Reference Guide on ESP requests received and how they were addressed by the BOCs with details and matrices."

Requirement:

5. "File updated information contained in Appendix B of the January 31, 1991 Cross Reference Guide on BOC responses to the requests and matrix." ¹³

Response:

Appendices A & B of the Cross Reference Guide, updated as of January 31, 2010, are identified as BOC ONA Special Report #5. A copy of this Special Report is provided as Attachment 2.

Requirement:

6. "File updated information contained in Appendix C of the January 31, 1991 Cross Reference Guide on services offered by the BOC in response to the requests." 14

Response:

This updated information is contained in the ONA Services User Guide, "Service Descriptions Section," attached herein as Attachment 3.

¹² <u>Id.</u> at 7678, Appendix B.

^{13 &}lt;u>Id.</u>

¹⁴ Id. at 7679, Appendix B.

III. <u>CONCLUSION</u>

As set forth herein, Qwest makes the appropriate filings as required by the Commission's Monitoring Order.

DATED: March 31, 2010

ATTACHMENT 1

| Service Name (Generic) | | | Ап | erite | ech | | 1 | | Be | li Ati | anti | | | Т | | | В | ellSc | uth | _ | | | N | YNE | X | Pac | ific | _ | - | SWB | T | _ | | | | | | _ | - | we: | st | | | | — | _ | \neg |
|---------------------------|-----|---------------|------|----------------|--------------|--|----------|--------|-------|----------------|------------------|--|--------------|----------------|-------|----------------|------------------|-------|------|--|---------------|-----------|-----------|----------|----------|----------|---------|---------------|--|--|---------------|---------------------|---------------|----------|----------|--|--------|------|-----|-------------|----------------------|---|----------|----------|---------------|------------------|-------------------------|
| (some Region Specific) | Pa | Π, | | | | NA. | DE | DС | | | | | 1447 | Δī | Eι | IGA | _ | _ | | TRIC | [ec | TN | | | | | | AR | | | | TΥ | ۸7 I | ഹ | ID | IΔ | IMA | TŘÁT | _ | | M N | N O | o le | וולם | T IV | WA F | ·~ |
| 555 Access Service | R11 | - | ,,,, | 1841 | 0,1 | | 100 | 100 | TIVID | 110 | ``` | *^ | *** | <u> </u> | +- | ۳ | <u> </u> | 100 | 1913 | 110 | 100 | | (VI) | | - | Ş | | <u> </u> | 1.3 | 1110 | | ' ` | ~ | Α | - | | 1911 | 101 | 111 | + 7 | | _ | _ | | - | " | ╩┤ |
| ADSL Service | R70 | | _ | \vdash | ┝ | ╁ | H | | +- | ┿ | + | | | В | В | В | В | В | В | В | В | В | | \vdash | H | ⊢ | ┝┉┤ | ⊢ | | - | Н | - | - | ^ | | 1 | +- | + | ╁ | + | ` +- | + | <u> </u> | | + | \dashv | - |
| AlN Alternate Routing | R12 | \vdash | _ | - | ├ | ╁ | ┢ | + | + | ┿ | ┪ | ┰ | | | | ᢡ | | | | | 1 D | | _ | ⊢ | H | - | H | ⊢ | | | | - | - | | _ | + | + | + | +- | + | -+- | + | - | +- | + | \dashv | -1 |
| AIN Term Data Co/Cus Rt | R13 | Н | _ | \vdash | \vdash | H | ┢ | +- | ╅ | ╆ | ┿┈ | ╁ | | | | Τŏ | | | Č | | t | | | H | ₩ | Н | - | ┢ | ┼- | | | -1 | -i | \dashv | | _ | t | + | +- | + | - | -1- | + | + | + | \dashv | \dashv |
| ATM Cell Relay Service | R4 | | | \vdash | | \vdash | \vdash | + - | + | ┿ | ╁ | + | | ≚ | ۲ | ┯ | ' ` | +- | ╅ | | Ľ | ř | _ | | \vdash | | - | ┢ | | | H | -1 | <u> </u> | ΔΔ | ΔΔ | 44 | | ΔΔ | ΔΔ | <u>. ΙΑ</u> | A A | . | <u> </u> | Δ Δ | A A | | ᆋ |
| Acc To Cir Ch Transmissn | 153 | BR . | 88 | BB | BB | BB | RR | BB | ВВ | - | BB | В | R | | 122 | ΔΔ | ΔΔ | ΔΔ | ΔΔ | I _A | AA | ΔΔ | RR | BB. | 88 | | - | ВВ | BB | BR | BB. | | | | | | | | | | | | | | | | |
| Access To OSS info | 154 | 5 | - | 00 | 00 | - | 100 | 100 | 155 | サ | 125 | ╨ | - | | | | | | | | BD | | 00 | 00 | - | - | 20 | - | 55 | - | 100 | - | 1 | - | 00 | 100 | 100 | 155 | 155 | 1 | - - | 715 | 7 | 7 | | ∸+' | " |
| Access to Cust Prem Anno | R68 | _ | - | \vdash | | +- | 1 | + | + | ┿ | + | + | | ۳ | 155 | 155 | +== | +== | + | + | +55 | - | 8 | 8 | В | | | - | | | | | \dashv | - | | \vdash | - | 1 | 1 | + | _ | -+- | +- | | -+ | 一十 | \dashv |
| Access to Ordr Entry Sys | R69 | $\overline{}$ | - | t- | | | 1 | +- | + | ┰ | ╁╌ | | 1 | lan | IBC | BE |) RE |) RO | RΩ | RD | BD | Rn | Ť | Ť | H | | Н | ┢ | | 1 | - | | \dashv | _ | | | 1 | ╁ | 1 | +- | _ | + | \dashv | \dashv | -+ | 一十 | ᅥ |
| Alternate Routing | 43 | AΑ | ΔΔ | ΔΔ | ΔΔ | ΔΔ | RR | RR | ВВ | BR | BR | BB | RR | | | | | | | | BD | | AA | | RR | ΔΔ | ΔΔ | ВВ | BB | BB | RR | В | BB | RR | BR | BB | BB | BB | RF | R R | в в | <u> </u> | RR | RR | A F | 計 | ᇷ |
| Answer Supvin Line Side | | BB | RA. | BB | BB | BR | BB | B | ВВ | | BB | | BB | | | | | | | | 88 | | Н | | - | BB | | ۳- | 100 | - | 155 | | | | | | | | | | BB | | | | | | |
| | R3 | | 50 | ۳ | 100 | 155 | - | ۳ | 100 | ╄- | 100 | ۳ | 100 | | | | | | | | ĀĀ | | _ | - | | 00 | ۳ | ┢ | +- | 1 | | -1 | | | - | 100 | 100 | ۳ | 105 | +- | ~ 누. | 45 | 4 | <u> </u> | 7 | - | - |
| Auto Disaster Rec DID | R14 | - | | ┢ | ┢ | \vdash | | ╁ | + | +- | ╁ | + | ₩- | m | +~ | \/v | 172 | 100 | 1700 | 100 | 1.00 | 1 | \vdash | D | t− | | H | ┢ | + | + | - | - | - | | | ╅ | ╁ | + | ╁ | + | - | ╅ | + | + | + | \dashv | \dashv |
| Automatic Callback | 47 | С | | 1 | c | 1 | С | c | ╁ | tc | tc | ¢ | С | tc | Τċ | 10 | - c | C | tc | 10 | c | | - | Ċ | | C | c | c | С | С | c | c | त | \sim | Ç | +~ | tc | +- | 10 | + ; | : † 7 | : † | ct | ct. | c i | c t | ᆏ |
| Automatic Protect Swtchg | | BB | | BR | | ВВ | | | BB | | B | | | | | | | | | | BD | | | | | 88 | | | | | 88 | | | | | | BB | | | | B | | Ь | | | B B | |
| Automatic Recall | 49 | o | - | ٦ | c | C | | c | | | | | | | | | | | | | | | ٥ | J | | <u></u> | | | C | | Ç | C | | c | c | C | | | C | | | | _ | | | | " |
| Bridging | 157 | BB | BR | BR | | | | | ВВ | | | | | | | | | | | | BD | | | | BR | BB | | | | | ВB | | | | | | | | | | <u> В</u> | | | | 8 8 | | |
| Bridging - Line | R16 | | | 1 | ٣ | t | ۳ | 150 | ٣, | 455 | 123 | 100 | 100 | اٽا | 100 | 155 | 100 | . 55 | 100 | ۳ | ۳ | ۳۲ | BB | Ĕ | BB | ۳ | | ۳- | 00 | 00 | 100 | 22 | 20 | 22 | 00 | 100 | ۲, | ٣ | + | 1 | - | ++ | 7 | - 13 | -10 | ~ ' | = |
| C1 TypA - Ckt Sw Line | | ΔΔ | ΔΔ | ΔΔ | ΔΔ | ΔΔ | ΔΔ | 44 | ٠4 | l _A | 1 | ΔΔ | ΔΔ | 44 | 1 | 1 | ΔΔ | ΔΔ | ΔΔ | 44 | laa. | ΔΔ | ΔΔ | ΔΔ | ΔΔ | ΔΔ | | ĀĀ | ΔΔ | ΔΔ | 44 | Δ | ΔΔ | ΔΔ. | AA | 44 | ΔΔ | 100 | ΔΔ | Δ. | A A | <u>. </u> | <u> </u> | ΑΑ | Δ Δ | <u>.</u> | <u>~</u> |
| C1 TypB - Ckt Sw Trunk | 9 | <u> </u> | | | | AA | | | ΔΔ | 1 | 100 | ΑΔ | ΔΔ | <u>~~</u> | 44 | 100 | Α. | ΔΔ | ΔΔ | ΔΔ | ÃÃ | <u>~~</u> | <u>~~</u> | ~ | Š | ΛΛ ΔΔ | ~~ | AA | ΑΔ. | ΔΔ | AA | $\frac{2}{\lambda}$ | | | AA | | | | | | AA | | | | AA | | |
| C2 TypA - X.25 Pkt Sw | 12 | | | ÃÃ | | ÃÃ | | Â | | | | | | | | | | | | | 益 | | | | | Ā | ~~ | ÃĀ. | ~~ | ~~ | AA | | | | A | | A | A | | 7~ | | | | _ | | | <u>~</u> |
| C2 TypB - X.75 Pkt Sw | 15 | Ã | | | | | | Â | | | | | | | | | | | | | ĀĀ | | | | | | | ÃÃ | | | 益 | | _ | | Ā | i A | 忶 | Â | Â | Â | | | | _ | _ | | $\overline{\mathbf{A}}$ |
| C3 TypA - Ded Metallic | 18 | } | ~ | <u> </u> | ~ | 100 | | | ĀA | 1 | - | | ~~ | ┯ | 尸 | +~~ | ``` | 4~ | 1 | ᢡ | ^ | ~ | ÃÃ | | | | | AA. | | | | | | | | | | TAA | | (A | | d' | _ | AA | _ | A | _ |
| C3 TypB - Ded Telegraph | 20 | \vdash | | | 1 | 一 | AA | ĀĀ | AA | TAA | 100 | - CA | <u>~</u> | ╆ | + | 1 | ╁ | + | + | + | ╌ | Н | ĀĀ | | Â | AA | | ~ | ~ | <u>~~</u> | ~ | | 줆 | | <u>~</u> | | | AA | | | | H | | | AA | | <u> </u> |
| C3 TypC - Ded Voice Grd | 22 | ĀĀ | AA | AA | AA | AA | | | | | | | | ĪΔΔ | ۵۵ ا | مما | ΔΔ | ΔΔ | ΔΔ | ΔΔ | ĀĀ | AA | | | Â | | | AΑ | ΔΔ | ΔΔ | ĀĀ | AA | | | Ã | | | | | | A A | | | | | | |
| C3 TypD - Ded Prom Audio | 24 | * | | | | | | | | ĀĀ | | | | | | | | | | | AA | | | | À | | | ÃÃ | | | | | | | | | | | | | A A | | | | ĀĀ | | |
| C3 TypE - Ded Video | 26 | | | | | AA | | Α | AA | | IA | | À | | A | | | | | AA | | A | | AΑ | | | AA | | AA | | | ĀĀ | | | A | | ĀĀ | | A | A | | | _ | _ | _ | `` | - |
| C3 TypF - Ded < 64kbps | 28 | ĀĀ | AA | AA | AA | AA | ĀΑ | | | ΑĀ | | | | | | . IÃA | l AA | AA | AA | AA | AA | | | | | AA | AA | AΑ | AA | AA | AA | | | | | | | | | | A A | - 1 | | | | A T | \overline{AA} |
| C3 TypG - Ded 1,544Mbps | 30 | | | | | | | | l AA | . TAA | . IAA | AA | AA | AA | AA | . AA | À | AA | ĀĀ | İΑΑ | AA | AA | AΑ | AA | ĀΑ | AA | AA | AA | AA | ĀĀ | AA | AΑ | ÄÄ | ĀĀ | Ā | | | | | | A A | | | | | | |
| C3 TypH - Ded >1.544Mbps | 32 | AΑ | | | | | | Α | Α | A | AA | | A | | | | | | | | AA | | | | | | | AA | | Α | | | AA | | Α | | | | | | A A | | | | | ά l | |
| C3 Typl - Ded Airt Tmsp | 34 | | | | 1 | | Α | | ĪA | \top | A | | | 1 | A | | | | | 1 | \vdash | | | AΑ | | | | 1 | 1 | 1 | 1 | | | | | m | 1 | 1 | 1 | | 7 | 1 | | | | \neg | |
| C3 TypJ - Ded Derived Ch | 36 | | | T | | 1 | 1 | 1 | 7 | \top | \top | | \vdash | ĀΑ | . IAA | l AA | N A | N AA | ĀΑ | ĪΑΑ | AA | AA | AΑ | | AA | ┢ | 1 | AΑ | AA | AΑ | ĪĀĀ | AΑ | ΑΑ | ĀĀ | A | ĪΑΑ | l AA | ĀĀ | . A | NΑ | - TA | TA | ĀΑ | NΑ | . 🔼 | α l | ĀĪ. |
| C3 TypK - Ded 64 kbps | 38 | AΑ | ÄΑ | AA | AA | AA | AΑ | AA | TAA | ΑĀ | . AA | AA | AΑ | ÌÃ | . IAA | ĺΑΑ | \ AA | \ AA | AA | AA | AA | AA | ВВ | В | ВВ | Г | | 1 | 1 | 1 | | | AΑ | A | AΑ | | | | | | A A | | | | A A | | $\overline{\mathbf{A}}$ |
| C4 - Ded Ntwk Accss Link | 40 | AΑ | AA | AA | AA | AΑ | Α | A. | ĀΑ | A | AA | AA | AΑ | AΑ | AA. | (AA | \ AA | \ AA | AA | AA | AA | AA | Α | Α | Α | AΑ | AA | AΑ | AA | AA | AA | AΑ | Α | Ä | Α | Α | Α | A | Α | Α | A | AΙΑ | A | \ A | \ A | T | Α |
| CF Mult Sim Call Intersw | 68 | C | C | | C | C | | \top | C | ĪĈ | ाट | T | | 1 c | To | : T C | ; (| ; C | С | С | C | С | С | | ट | C | \Box | С | Ç | С | C | Ç | C | ပ | C | 1 | \top | T | C | 7 | ╗┪ | _ | c | С | С | С | Ċ |
| CF Var Act w/o Crtsy Cal | 71 | C | C | | C | C | Г | C | TC | Č | Т | | | C | | 10 | ; 7 | : 0 | С | l c | C | С | С | С | | С | | Г | | 1 | | | С | C | С | Т | ₹ | C | П | 7 | _ | 7 | c | \neg | \top | टो | П |
| CF Var Remote Act/Cntrol | 73 | С | С | | С | | | C | | | | С | | | C | _ C | ;] (| ; C | С | C | C | С | С | С | \Box | С | | С | С | С | C | С | С | C | С | C | Ī | C | 0 | : [| 7 | | | С | С | c | C |
| CF Variable | 69 | С | О | | С | | Ç | Ç | C | Ìċ | | | С | C | C | ; | :] (| ; | C | ļç | c | c | С | | С | C | | С | С | C | C | ¢ | cc | CC | CC | CC | CC | | | CC | <u>c lc</u> | | | | | | cc l |
| CF With Variable Rings | 75 | U | | | C | | | | | \mathbf{L} | С | | | | | L | \perp | | | | | \Box | С | С | | | | | | | 1 | | ⊐ | | | | | Ľ | | | \perp T | T | | | \neg | \neg | \Box |
| CFBL Interswitch | 56 | o | U | | С | С | | | C | | | С | | | | C | | | C | C | C | С | ပ | C | | C | | C | | | С | Ç | С | C | C | С | C | С | 0 | \Box | 2 7 | <u>تا</u> رد | c l | C I | С | C | <u> </u> |
| CFBL Intraswitch | 54 | ပ | С | | С | С | | С | С | ĪĊ | С | С | С | C | | | | | | | | | C | | C | С | Ç | Ç | С | С | C | Ċ | С | С | С | C | | | | | | 7 | c | C | C | С | С |
| CFBL/DA Cust Act/Deact | 58 | ပ | ч | | С | | | | Ι | \Box | | | \Box | C | C | C | <u>ا</u> . | C | | | | Ç | Ç | С | | C | | | | | | | С | С | С | C | C | TC | C | | | | | | | | Ç |
| CFBL/DA Cust Chg Fwd No | 6Q | С | C | 1 | С | C | | | | Γ | | Т | Π | 1 | | | | L | | 1 | П | \Box | | | Γ | С | | | 1 | | | | С | Ç | C | ि | C | C | С | : [(| | 1 | c | c | Ċ | Ċ | C |
| CFDA After CW | 62 | Ç | C | | C | С | | | | | | С | С | | | C | | | | | C | | С | | | C | C | | | | | | С | С | C | С | | | | | | 7 | c T | C | С | c | c] |
| CFDA Interswitch | 66 | C | ¢ | | C | | | | | | | | С | | | C | : 0 | C | С | C | C | | С | | | | C | Ç | C | С | С | C | С | C | Ç | C | C | C | C | ; [| 2 0 | 2 | c | С | С | C | c l |
| CFDA Intraswitch | 64 | С | С | | C | C | С | С | С | Τċ | C | Ç | C | | | C | | | | | | | С | C | C | C | Ç | С | С | С | C | С | С | ပ | С | C | | | | | | | c T | c l | С | c | ╗ |
| CFDA To DID Intraswitch | R21 | | | | | | | | | \Box | | | | C | 0 | 0 | c | C | С | C | ि | C | | | | | | 1 | | 1 | | | С | С | С | ि | C | C | C | 1 | | T | c | C | С | c | ল |
| Call Denial - Line/Hunt | R17 | | | | | | | | | \Box | | l | | L | Ĺ | | \perp | | | | Γ | | | l | | вв | | 1 | | 1 | 1 | | - | | · · | 1 | Τ | Ľ | | Ī | | T | | | \neg | \neg | \neg |
| Call Det Rodg-NXX Screen | R18 | | | | | | | | | \Box | | | | | | | | | | | | | | | | | П | | | | 1 | | | В | | | В | | B | 3 1 | 3 | 1 | \top | 1 | в | В | _ |
| Call Det Recd'g Rpts Pkt | 141 | | | | | | В | В | ВВ | BB | В | BB | BB | Г | | | Ι | | | | | | 80 | BD | ВD | | | BB | ВВ | ВВ | ВB | ВВ | | | | oxdot | | | | \perp | \perp | \perp | | | I | 二 | |
| | | | | | | Ĺ., | | | | \perp | | | | | | \Box | | | | | \Box | | | | | | | | | | | | | | | | | | | I | \perp | | T | \Box | 工 | \Box | |
| 3/31/2010 Update [Page 1] | | L | | <u>i</u> | | L | 1 | | | Щ. | | | | 1_ | 1_ | | | |] | <u> </u> | | | | 1 | L_ |] | | L_ | | | | | | | | | 1_ | l | .L | | | 1 | Ī | | 工 | \bot | |

| Service Name (Generic) | | г | Ar | nerit | ech | | Г | | Bel | li Atla | ıntic | | | | | | Ве | IISo | uth | | | | N | YNE | x I | Pac | ific | | S | WB1 | - | Т | | | _ | | | | O | West | ŧ | | | _ | | $\overline{}$ |
|----------------------------|-----|----------|--|---|--|----------|-----------------|----------|----------------|-----------|----------------|--|--------------|----------|----------|--|-----------------|----------|-----|----------|-------------------------------------|----------|---------------|--|-----|---------------------|---------------|----------|------------------|---------------|---------------|------------------|-------------------|----------------|----|----------------|----------------|------------|----------------|----------|---------------|----------------|----------|-----------------|--------------|---|
| | Pg | ti. | | | | w | DF | DC | | | | | w | Αŧ | ۴i | IGΑ | | | | NC | sc l | TN | | | | | | AR | | | | īχ | 12 li | col | 1D | ÍΑ | MIN | IMT | | | | IÖF | ISD | TUT | WA | WY |
| Call Detail Recrd'g Rpts | 52 | 1 | 113 | 1111 | 1 | | | | | ВВ | | | | | | | | | | 8 | | | | 1 | Ď | <u> </u> | - | - | | В | - | | | | | | | | | | | | | | | ВВ |
| | R19 | С | ┢ | + | \vdash | | PP | 100 | 100 | 100 | 100 | ۳ | 00 | - | - | ۳ | + - | - | | 1 " | | 0 | - | \vdash | | - | | | Н | - | -+ | '' | 36 1 | | ьь | 55 | 00 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Call Queuing(NextConnects) | | - | - | \vdash | 1 | \vdash | ┢ | +- | ╁╾ | + | ⊢ | | | _ | — | | + | ╁ | | Н | \dashv | - | H | ┨ | - | - | -+ | | ╌┉┨ | $\overline{}$ | \rightarrow | ╅ | 럾 | ~ 1 | С | <u> </u> | +~ | tc | ╁╤ | + | ╁ | ╁ | c | l c | l c | С |
| Remote CF On DID Lines | R45 | ₽- | - | +- | \vdash | ┝╾ | ┥ | + | + | + | ⊢ | H | | _ | — | - | - | - | | \vdash | \dashv | | H | 1 | - | - | -+ | | Н | - | \rightarrow | | 허 | | č | | | | | 10 | | Τč | | | | |
| | R87 | 00 | 55 | l D D | 100 | 90 | ₩ | + | ₩ | ┿ | ⊢ | ┝┈ | | ┡ | _ | - | ╌ | - | | \vdash | - | | | ⊢ | | - | | | | - | \rightarrow | - | 쒸 | ~1 | | ٧. | ۲- | +~ | ∤ ∽ | +~ | +- | 1 - | ۲. | ╨ | ⊬ | ┯ |
| Call Redirect Acceptance | | | | | BB | | | - | DD. | 100 | - | <u></u> | | <u> </u> | - | 25 | 100 | 00 | - | 00 | 20 | 20 | 20 | 60 | 00 | | | | | DD | | . I . | . l . | _ | _ | <u> </u> | _ | 1 | ╂- | +- | - | - | - | _ - | ╁ | 12-1 |
| Call Redirection Packet | 142 | RR | 88 | BB | ВВ | BB | | В | | ВВ | | | | | | | | | | | | | RD | BD | BU | 86 | - | 00 | BB | 88 | BB (| | 3 | | | | В | | В | | В | В | В | В | В | В |
| Call Transfer On DID | R23 | - | ٠. | ↓ — | <u>ــ</u> | ــِــا | B | | В | | | | в | | | | 9 | | | | В | | _ | | | _ | _ | | | _ | - | - | В | 픠 | В | R | ㅂ | 1 R | 1 ₽ | В | + | 18 | 18 | В | Ħ۳ | В |
| Call Waiting | R24 | | C | | C | C | | | | | | | Ç | | | | Ç | | C | | C | | υ | C | | | С | | اجا | _ | _ | -1 | _ | _ | _ | - | ١_ | ١. | +- | +_ | ٠. | + | +_ | ┯ | ⊢ | ╁┯┦ |
| Call Waiting Cancel | 76 | С | C | 1 | C | Ç | С | С | C | C | C | C | U | C | C | C | C | C | c | С | O | ဂ | υ | C | Ç | С | | ပ | C | С | С | | | | C | С | | | C | | | | | | | |
| Calling Name Delivery | R26 | Ц. | ļ | ـــــ | | L | _ | ↓_ | <u> </u> | \bot | | | | ட | | ╙ | ┺ | | | | | | | 1_1 | | \rightarrow | | | Ш | | | | | 8 | В | 8 | | | | | | | | | | |
| Calling Name ID | R27 | L_ | L | <u> </u> | | L | | 1 | | | | | | | | <u> </u> | | <u> </u> | | | | | | Ш | | | | | Ш | | | | | C | С | С | | | C | | | | | | | |
| CEMSS | R79 | | | <u>i </u> | | L | | <u> </u> | | | | | | | | | 1 | | | | | | | | | 1 | | | | | | [| | | 8 | В | В | В | В | jΒ | В | В | В | В | 8 | [8 |
| CEMSS Subscriber | R80 | | Ι. | | | | | | | | | | | 1 | | |] | | | | | | | | | | | | [] | | | | -1 | С | C | | | 1 | П | C | П | | Ι. | L | (C | С |
| Clid DN Deliv via 900NXX | 80 | 88 | BB | B₿ | ВВ | ВВ | ВВ | В | В | BB | BB | В | В | 1 | | | 1 | | | | | | 88 | 88 | 88 | 1 | | AΑ | AA | AΑ | AA / | A | \neg | П | | П | | 1 | Ţ | Т | T | | | | | |
| Clid DN Deliv via DID | 78 | | | | | | | | ВВ | ВВ | ВВ | ВВ | вв | ВВ | 88 | BB | 88 | BB | BB | BB | 88 | 88 | 80 | 80 | 80 | BB | B8 | В | в | В | В | В | в | в | BB | В | В | В | В | В | В | BB | В | В | BB | В |
| Cilg Bilg Num Deliv FG B | 81 | | | | | | | В | BB | ВВ | ВВ | ВВ | 88 | BB | 88 | BB | ВВ | ВВ | BB | ВВ | ₿B | ₿B | 88 | ВВ | 88 | BB | T | | П | | | | | | | ВВ | | | | | BB | BB | BB | BB | BB | BB |
| | 83 | 88 | ВВ | ВВ | ВВ | ВВ | | | | ВВ | | | | | | | | | | | | | | ▎▔┤ | 88 | BB | вв | ВВ | BB | вв | вв (| | 3B | | | | | | | | | | | BB | | |
| Clig DN Deliv via BCLID | 171 | Ť | 1 | 155 | 1 | ات ا | ٽٽ ا | Ť | 155 | 155 | ت | اتتا | | | | | | | | В | | | _ | ┥ | | _ | - | | | | | | 3B | | | | | | | | | | | BB | | |
| Clig DN Deliv via ICLID | 85 | С | - | - | c | С | В | В | В | ТB | 8 | R | B | Ĉ | Ĉ | | | Ĉ | | C | | | $\overline{}$ | c | Ċ | - | ŔŖ | C | c | С | С | | | | | | | | | | | | | | | BB |
| Closed User Groups Pkt | 143 | | | Pr. | | | | | | BD | | | | | | | | | | | | | | BĎ | | | | | | | BB I | | | | В | В | В | | В | | В | В | В | В | В | В |
| Coin Ph-Post Dial DYMF | 89 | 20 | 100 | 100 | 100 | 100 | 쁫 | 00 | 100 | 100 | C | ۳۷ | 00 | 꿈 | | A | | A | | A | | 뿔 | C | 122 | Ç | دد | | B C | C | | | C | | | A | | A | | P | | | A | | | | |
| Computr Assist Call Xfer | R86 | 00 | 100 | 100 | ВВ | - | ۲ | + | + | + | ۲ | - | | ₽^ | <u> </u> | ^ | +^ | +~ | - | - | Ĥ | - | ۲ | ⊢ | Ψ. | \rightarrow | \dashv | \sim | ┝┶┤ | _ | - | 쒸 | ^ + | ~ | | ! ^ | +^ | +^ | + | +^ | +- | +-? | + | ╁╾ | ╀╾ | ┯ |
| | | | | | | | | +- | + | + | ⊢ | <u> </u> | | ▙ | - | ├ | +- | ₩ | - | - | Н | | Η- | \vdash | | \vdash | | | Н | | -+ | - | \rightarrow | \dashv | | - | ₩ | +- | ╂ | ┿ | + | + | | +- | ₩ | + |
| Computr Assist Dialing | | | | | ВВ | | | 1 | | | | | | ļ., | | - | - | 100 | ~ | D.D. | | 20 | ~ | | | - | | | _ | | | | | | | | l | + | 1 | 1 | - | | + | +== | | ╁╦┙ |
| Conditioning | 159 | | | | | | | ผล | RR | BR | RR | RR | RR | RD | BD | IRD | 1 _{RD} | BD | BD | RD | หก | RD | BR | RR | 88 | คล | RR | RR | RR | RR | RR I | BR II | 3B | RR | BB | RR | RR | 88 | IRR | TRR | BE | BB | BB | 1 _{BB} | IRR. | BB |
| Coord Voice and Data | | | | | ВВ | BB | | 1 | ļ | ٠ | L. | _ | | ــــ | _ | ↓_ | +- | ⊢ | _ | _ | L | | _ | L_ | | _ | | | ┡ | | | | _ | | | <u> </u> | ⊢ - | ↓_ | ╄- | 1 | +. | _ | ١. | ╀- | ﺒ | ليل |
| Cust Originated Trace | 90 | C | C | ┖ | С | Щ | | | | <u> </u> | | | | С | | | | С | | С | | | C | С | C | C | С | Ы | C | С | С | C | 디 | 듸 | Ç | С | C | <u> </u> | <u> </u> | <u> </u> | <u> </u> | C | C | C | C | C |
| Cut Off On Disconnect | 92 | 1 | ↓_ | | | | Α | | | | | | | | | | | | | | | | | Α | | | _ | | Ш | | | _ | _ | | | Ļ., | ↓_ | _ | ļ., | ┺ | _ | | 4_ | ┸ | ㅗ | ئــــــــــــــــــــــــــــــــــــــ |
| Cxr Select On Rvrs Charg | 87 | AΑ | AA | AA | 3 | Δ. | B | ₿ | BB | ВВ | BB | BB | 88 | ΑΑ_ | AΑ | AΑ | 44 | AA | AΑ | AΑ | AΑ | AΑ | BB | | 88 | ٤ | AΑ | | Щ | | | _ | Α | Δ | Α | A | Α | ↓ △ | △ | A | _ A | | I A | A | A | A |
| DID Load Across WC | R30 | | | | | | | | | | | L: | | | | | | | | | | | | D | | | | | | | | | | | | 1 | | | | 1 | | L | 1 | | | / |
| DID Trunk Queuing | 93 | | | | | | В | В | BB | В | В | В | 88 | | | | | | | | | | | | | BB | | | | | | | 3B [I | B6 [| BB | 88 | 88 | 68 | [88 | BB | 88 | 88 | 88 | 88 | BB | BB |
| DNAL Alarm Service | 40 | 8 | AA | AA | AA | A | i | | | Ι | | | | | | | | | | | | | | | | | | | L] | | ì | Τ | 1 | | | | | | | | | | | 1 | | |
| DNAL Amtch Reconfig Svcs | 40 | AΑ | AA | AA | AA | AA | Г | T | Τ | Τ | | | Г | | | | Π | П | | | | | | | | | П | | | | | \neg | П | | | | | 1 | T | 1 | | | 1 | \Box | Γ^{-} | |
| DNAL Amtch Sw-Cmputr Ap! | 40 | AΑ | AΑ | · ΑΑ | AA | AΑ | 1 | 1 | | | | _ | | | | | | | | | | | | | | | | | | | 7 | | ヿ | 一 | | П | | 7 | Τ | | | | Т | П | \Box | |
| DNAL Ckt Sw Fac Cntrl | 40 | AΑ | AA | AA | AA | AA | 1 | 1 | T | 1 | | | | | | _ | Т | | | | | | | | | | | | П | | | | \neg | T | | T | | 1 | Т | | | | Т | \top | \vdash | |
| DNAL SMDI | 40 | | | | AA | | | 1 | Т | 1 | \vdash | | | | | | 1 | | | | | | | | | | | | <u> </u> | | | 1 | 一 | | | | Ĭ | 1 | | 1 | | 1 | 1- | \top | \vdash | \Box |
| DNAL SMDI-E | 40 | | | | AA | | | 1 | 1- | 1 | 1 | | _ | _ | - | - | T | | | | | | | \Box | | 1 | | | _ | | \dashv | | ┪ | \neg | | | T | 7 | 1 | 1 | \top | 1 | T | - | \vdash | \vdash |
| DNAL STP Access | 40 | | | | AA | | | 1 | 1 | _ | \vdash | | | t | | | ${}^{+}$ | T | | | | | | | | | _ | | Н | | 1 | 7 | 一 | \neg | | t | t - | 亻 | 1 | + | ╈ | 1 | T | T | \vdash | \vdash |
| DS0-B Subrate Multiplxr | R71 | ΙŤ | `` | + | | | 1 | + | ┰ | ╅┈╴ | ┪ | | | BΩ | BD | 80 | BO | BD | BD | BD | BD | BD | | | | | _ | | -1 | | 1 | _ | | \neg | | 1 | † | + | ┰ | +- | + | + | + | 1- | 一 | \vdash |
| Data Over Voice (DOV) | 160 | | | 1 | 1 | | 1 | 1 | \vdash | 1 | $\overline{}$ | | \vdash | Č | | | | | | C | | c | AA | | ΑÃ | С | | C | l c l | С | c | c l | المه | | Α | AΑ | ДΔ | AA | . IAA | .la | A | ΑA | A | A | IΑΑ | |
| Default Window Size-Pkt | R59 | 1 | +- | + | ! | \vdash | 1 | + | 1- | + | _ | | \vdash | tŤ | Ť | Ť | Ť | ۱Ť | Ť | ۱Ť | ۲Ť | | | BD | | | | <u> </u> | ╁┷┤ | <u> </u> | - | · * | | | B | В | | В | | | B | В | | | B | B |
| Derived Ch (Monitoring) | 162 | CC | lee | loc | CC | cc | С | +- | c | + | c | i | \vdash | ← | c | +- | + | + | - | | H | H | c | C | | С | С | \vdash | ┰ | | + | | - | - | _ | + <u></u> - | ᢡ | ۳ | ۳ | + | + | +~ | ╨ | | <u>۳</u> | + |
| Dial Call Waiting | R28 | ~~ | ۲ | 100 | 100 | 1 | Ť | +- | ╁ | +- | ┰ | ├ | \vdash | t | ⊢∸ | | + | _ | ├ | \vdash | Н | \vdash | ۲ | ۲ | · | | Ÿ | \vdash | ┝╼┥ | | \vdash | - | в | | В | В | В | 1 , | В | 8 | - | В | 8 | 1= | В | + |
| Dialed Num ID/INWATS-DID | R29 | ⊢ | + | + | + | \vdash | ┰ | + | + | + | + | | | 6 | 100 | ᇹ | 100 | 00 | 90 | Br. | BD. | ᇑ | - D | В | DD | \vdash | - | \vdash | $\vdash\vdash$ | | - | | - | - | В | + 5 | +- | ┿ | +₽ | +- | +° | ° | +° | +° | ۴ | + |
| Dir Call Pickup w/Barge | R29 | Ι- | + | + | 1 | - | 1— | + | + | + | \vdash | - | | PDD | IDA | lon | 100 | lon | 100 | DU | טט | 20 | PD . | ۴ | DD | $\vdash \vdash$ | | | \vdash | | \vdash | - | В | В | В | В | В | +- | +- | В | +- | +- | 8 | + | 8 | + |
| | | 1— | - | + | \vdash | ⊢- | ₩ | ┽ | +- | +- | ⊢ | - | <u> </u> | ⊢ | ⊢ | ₩ | + | ļ | ļ | ₩ | H | | <u> </u> | \vdash | | $\vdash \downarrow$ | | <u> </u> | \vdash | | \vdash | | | | | | | | B | | | | | | | \vdash |
| Dir Call Pickup w/oBarge | R32 | - | 1- | +- | _ | ج- ا | 1_ | - | 100 | 100 | _ | 100 | | - | l | | 100 | 100 | 100 | l | | | <u></u> | | DC. | | | <u> </u> | احما | ~~ | ~ | | ᅼ | В | В | В | | | | | | | | | В | + |
| Direct Call Packet | 145 | Ç | C | 4- | C | ب | ۲ | C | ICC | CC | 10 | ICC | UU | RD | IRD | 1 _{RO} | TRD | IRD | RD | IRD | RD | RO | RD | Ian | ŔÜ | <u>UU</u> | _ | Ü | CC | CC | CC | | الب | $\overline{}$ | Ċ | C | С | C | IC. | ļc. | C | C | C | - | C | C |
| Direct Current (MT3) | R5 | L. | 1 | _ | 1_ | - | 1_ | 1- | | 4 | ا | ١_ | <u> </u> | Ļ | L. | ١. | 1- | 1 | L_ | 1_ | L | ايبا | L_ | 1_ | اب | ⊢⊣ | _ | Ļ | ايا | _ | | | | | A | 1. | _ | IA. | | | | _ | | | Ļ | A |
| Dist Ring Term Screen | 97 | С | C | ┺ | 1 C | С | C | ; C | C | <u>16</u> | <u> </u> | С | C | С | C | C | C | C | C | С | C | ഥ | v | С | С | ╚ | | O | LC | C | С | С | С | С | С | С | | | C | | | | | | _ | С |
| Distinctive Alert | R33 | ــــ | 1_ | ↓_ | 1 | 1_ | _ | 1 | _ | _ | _ | Щ. | | 1 | ! | 1 | | 1 | Ļ | Ц_ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш | Ц_ | \sqcup | | Ш | | \Box | | | | | | | В | В | | | | | | | | | | \perp |
| Distinctive Ringing | 94 | C | C | ↓_ | Τ¢ | C | C | С | _ | 1 c | l c | С | С | l c | l c | 1 C | ļ¢ | С | C | C | Ç | C | | \sqcup | ╚ | C | С | ပ | LC | ဂ | С | | 의 | <u></u> | С | C | | | | | | | | | | |
| Easy Access | R34 | | | | 1 | 1 | | | | \perp | | <u> </u> | | L | L | L | 乚 | | | | | | | | | ШI | 1 | | L | | <u></u> [| | С | | С | С | С | C | 0 | ; C | | C | C | C | C | С |
| Ethernet Port Over SONET | R72 | | Ĺ | | | L | L | | | | | | | | | | | | L | | | | | | | ĿТ | | | | | | | В | 8 | В | В | В | В | В | В | В | В | В | В | В | В |
| Extended Superframe Cond | 164 | 88 | BB | 88 | BB | ВВ | AΑ | (AA | AΑ | Α | AA | A | AΑ | AΑ | ĀΑ | AΑ | AA | AΑ | AΑ | AA | AΑ | АΑ | A | Α | Α | | | 88 | ВВ | вв | BB i | ВВ | \Box | | | | | | | | | | Γ | Γ | | |
| | | | | | | | Γ | | | | | | | | | | | | | Γ | | | | | | | | | | | | | \Box | | | | | 1 | | | | 1 | 1 | \Box | | |
| 3/31/2010 Update (Page 2) | | | | | | | L | | | | | | | | L | Ĺ | 匸 | | | | | | | | | | 1 | | | | | 丁 | J | | | | L | | Γ | Ī | | 1 | Ι | I | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Service Name (Generic) | | | A | nerii | tech | | 1 | | | 3ell | Atlaı | ntic | | | | | | В | IISo | uth | | | | N | YNE | х | Paci | ific | | S | WBI | Ť | | | | | | | | Ç |)we | st | | | | | | \neg |
|---------------------------|------------|----------|-----------------|-----------------|------|-----------------|------|------------------|------------------|----------------|-----------------|---------------|-----|--------------|----------------|------------------|--------------|--|------------------|--|--|------|----------------|----------------|-----------|--------------|-----------------|---------------|----------------|-----------------|----------|----------|--|----------|------------|---------------|------------------|----|-------------------|-------------------|------------------|-----------------|------------------|--|----------------|--|----------------|------------|
| (some Region Specific) | Pg | IL | ÌΙΝ | ΙMΙ | Тон | ΙŴ | ĪΒ | ΕĈ | C I | ۸DÌ | II UN | PΑT | VA | w | AL | FL | ΙGΑ | ΙKΥ | lΑ | MS | NC | SĊ | TN | MA | ÑΥ | ŘĹ | CA | ÑΫ | ÁR | KS | мо | OK | TX . | AZ I | CO | ID | IΑ | MI | √M. | INF | ΞÌΝ | M N | DIC | RIS | อ lu | ıτİv | VA I | W |
| Fast Select Accept Pkt | | | | | | | | | | | В | | _ | В | | | | | | | | | | | | BD | | | | | | вв | | | | В | | В | В | | В | | | | 8 | | | В |
| Fast Select Request Pkt | 147 | С | C | | l c | | | | | Č | - | - | | C | | | | | | | BO | | | | | BD | | | | | | BB | | | | В | | В | В | _ | ΉĒ | _ | _ | | | 1 E | | B |
| Faster Signaling On DID | 99 | Ť | ┯ | + | Ť | Ť | В | | | | B | <u> </u> | RR | | | | | | | | 88 | | | | | | - | _ | | | | | | | _ | ĀA | | | | | | A Ā | | | | | | |
| Flexible ANI | | ВВ | BB | 1 _{BB} | BB | 1 _{BB} | | | | | B | | В | | | | | | | | 88 | | | | | В | | _ | вв İ | BB İ | BB | ВВ | | | | В | | В | В | | | | | | | ΪE | | ă H |
| Flow Contr Param Neg-Pkt | R60 | | 1 | 155 | 1 | +== | Ŧ | | + | _ | - | - 1 | _ | | اٽا | 1 | 100 | 100 | 100 | - | - | - | - | - | m | F | | | | | | | | | | B | Ē | В | В | | B | | | | | 1 1 | 3 | 副 |
| Frame Relay Service | R6 | _ | \vdash | + | + | + | ╅ | | _ | _ | _ | 1 | | | AA | AA | AA | AA | AA | AA | AA. | ĀĀ | ĀĀ | AA | AA | AA | | ٦ŧ | | | | | | | | | ÃĀ | ÃA | JĀ | | | ΑĪĀ | | | | | | |
| High Cap Dig Handoff Svc | R73 | ┪ | ${}^{+}$ | + | + | + | + | \neg | в | B | В | вÌ | R | | ř | 1 | 1 | 1.1. | 1 | 1 | | 1 | • | - | - | | 1 | | | \neg | | | 1 | - | | 1 | + | 1 | 1 | + | + | + | | | + | + | 7 | - |
| Hot Line | 101 | | ┰ | + | +- | ┿ | 1 | c lo | | | | | | CC | c | c | c | l c | c | c | | C | c | BD | В | BD | С | Ċ | - c | cl | С | С | С | c | С | c | С | C | : 1 0 | : 1 0 | : 1 | cto | c l | c T | c l | ct | ᇊ | С |
| Hunt Groups Packet | | BB | BB | BB | BB | RR | | | | | BB I | | 88 | | | | | | | | BD | | | | | BD. | | | | | | BB | | | | B | | B | | 8 | | | | | | _ | | вŤ |
| Inband Signaling | R74 | | +== | 1 | + | +== | B | | | | 88 I | | | | - | - - | 1 | 1 | 100 | - | - | - | | _ | ۳ | - | | | | - | | - | _ | _ | _ | 1- | +- | ┿ | + | ┿ | ╅ | 一 | ╅ | | ┪ | + | _ | \dashv |
| Incoming Cls Barred-Pkt | R61 | | - | + | + | +- | f | + | 7 | | | + | | | H | | \vdash | 1 | \vdash | \vdash | H | | Н | BD | BD | RD | | | _ | \dashv | | \vdash | _ | R | В | В | Ħ | В | В | В | ~†в | В | В | В | TB | 3 TE | : 1 | ᡖ┈┨ |
| Initial Address Message | R82 | RR | BB | 88 | BB | BB | : 1 | + | 十 | _ | \dashv | \dashv | | | t | t | t- | \vdash | \vdash | \vdash | t | | H | - | ۳ | - | | | | | | H | | | _ | ╌ | ╅═╌ | + | ┿ | +- | ╅ | 十 | 7 | Ť | 1 | + | 1 | \dashv |
| Logical Chan Layout-Pkt | R63 | - | 100 | 100 | + | 1- | + | 十 | _ | + | \dashv | _ | | | t | t | Η- | | ┢ | - | 1 | | \vdash | | \vdash | | _ | | | | | | -1 | В | В | В | В | В | В | В | В | В | B | B | l B | 3 E | 1 | В |
| Logical Channels-Pkt | R62 | | + | + | + | + | ╈ | \dashv | \dashv | + | \dashv | \dashv | | | t | - | - | - | · | | <u>† </u> | _ | Н | | \vdash | \vdash | \dashv | _ | _ | \dashv | | \vdash | ┪ | | | ĺв | В | B | | | | | | | | | | Ē |
| MLHG Access to Each Port | | ВВ | 1 _{BB} | I RR | 1BB | TRE | i A | e e | . | R I | BR I | aa l | RR | BB | RΩ | BO | BO | tan | BD | BD | ĦΠ | BD | BO | BD | BD | ВD | BB | BB | RR 1 | 88 | BB | вв | R | ВВ | _ | ВВ | | BE | | BE | | | ВВ | | _ | | | ВВ |
| MLHG CO Announcements | 107 | | | BB | | | | - - | + | " | ' | 8 | == | | | | | | | | В | | | | | BD | | | | | | BB | | BB | | ВВ | | BE | | | | ВВ | | | | BE | _ | BB |
| MLHG Overflow | | B8 | | | | | | R P | e la | ᇎ | الهم | | ÄR | RR | AC. | 륪 | 뚮 | 뚮 | 뜲 | 딺 | BD | BD | 뚮 | 巖 | RR | BB | RA | -1 | | 20 | | 22 | | | | | | | | | | ВВ | | | | BE | | |
| MLHG UCD Line Hunting | | | | | | | | | | | | | | 88 | 80 | ᇙ | ien en | 댦 | 186 | 딺 | 8 | 器 | 器 | 200 | 60 | 80 | BB | 88 | 88 | RR | 88 | 88 | | | | | | | | | | ВВ | | | | | | BB |
| | 115 | | | ВВ | | | | 8 6 | | | BB I | | | | | | | | 88 | | | | | | BD | | BB | 55 | HE I | BB | BB | BB | i l | | | | | | | | | ВВ | | | | | | BB |
| MWI - Packet Access | 150 | 88 | BE | 100 | 100 | 100 | Ŧ | 0 0 | ' ' | - | 1 | - | 00 | 00 | 100 | 100 | 100 | 100 | 100 | 50 | - | 66 | 100 | 100 | 100 | 50 | 00 | | | | | BB | | 00 | 00 | 100 | 100 | - | 100 | 45 | 4 | - 15 | - | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | - | " | " | ~ |
| MWI ATR Audible Msg Wtg | 102 | _ | ta | ╁ | ╁╌ | 10 | 1 | c | c | cl | त्ती | ᅱ | ~ | ¢ | 1 | ╁┯ | c | ٦. | 1 | - | С | ٦. | 1 | ┝ | С | С | | | c | | | | | ~~ | | <u> </u> | 100 | | - | ᆉ | ᆏᇰ | c c | <u> </u> | ~ ~ | - | 2010 | \ | ~ |
| MWI ATR Visual Msg Wtg | 104 | č | | | Τč | | | | | č | | | | č | | | č | | | | | | | ř | <u> ۲</u> | <u>~</u> - | č | ŏ | ∸ | - | - | <u>۲</u> | Ÿ | | | | | | | | | č č | | | | | | |
| MWI Act (Audible) Expand | 181 | ВВ | | | | ВВ | | | | | вы | | | | H | ۲ | ┰ | ۲ | ۱ ઁ | 1~ | + ∸ | ۲, | ا | — | \vdash | \vdash | Ÿ | Ÿ | - | \vdash | _ | H | -1 | ВВ | | ВВ | | | 3 B | | | BB | | 8 E | | | _ | В |
| MWI Act (Visual) Expand | 184 | | | BB | | | | | | | ВВ | | | | 1 | + | ╁ | \vdash | ╁ | 1— | ┿- | H | ⊢ | - | - |] | - | | | | - | 1 | | BB | | В | В | | 3 B | | | В | | E | | _ | _ | <u>- 8</u> |
| MWf Activation (Audible) | 179 | | | BB | | | | | | | | | | | 66 | 100 | 88 | BB | BB | BB | BB | ᇤ | - | 00 | - | 88 | 20 | В | | В | | в | В | | | ᡖ | | | | | | ВВ | | | | | \rightarrow | _ |
| MW Activation (Visual) | 183 | | | ВВ | | | | | B B | | BB | | | | В | 18 | В | 뿝 | B | B | В | В | | 00 | 100 | | BB | B | ۳- | <u>-</u> - | <u> </u> | ١ | <u>. </u> | | | ВВ | | | | | | ВВ | | | | 18 E | | BB |
| MWt Audible/Visual | 102 | | C | | | C | | B E | 10 1 | - | - | - | 00 | - | ۲ | ۲ | ۲- | ۲ | ۲ | - | ٦ | ۳. | ۲. | | - | - | 00 | 끡 | | | | | | С | | C | C | | | ; [| | | | | | | č | č |
| Make Busy Key | | | | | | | | 0 0 | - | . | | | DD | <u> </u> | Bn | | lan. | len. | 80 | en | an | an | ᇡ | BD | lan. | BĎ | 00 | 88 | oo l | | 00 | вв | <u> </u> | | | | | | | | | ВВ | | | | | | |
| McCulloh Loop (LS2) | R7 | 0.0 | 186 | 100 | 100 | 100 | Ŧ | יטוע | 10 10 | ~ | 00 | 7 | UU. | 00 | 150 | 100 | 155 | 155 | 155 | 100 | 100 | 100 | 150 | 20 | 100 | 100 | טט | 55 | 00 | טט | טט | 00 | ь | | | AA | | | | | | A A | | | | W Z | | |
| Message Desk (SMDI) | | 00 | 00 | 100 | 100 | BB | 2 12 | B 6 | B G | - | 99 | 40 | 88 | ŘŘ. | BB. | 88 | lee | BB | BB | BB | BB | BB | BB | 88 | - | вв | 20 | В | R | В | Ω. | В | В | | | ВВ | | | | | | ВВ | | | | | | |
| Modern Aggregation Svc | R8 | D0 | 100 | 100 | 455 | 100 | 712 | ים כי | ,6 10 | ~ | 1 | 55 | 00 | 00 | 100 | 100 | 100 | 100 | 00 | 50 | 100 | 100 | 100 | 30 | 100 | 100 | 00 | - | " - | ۳۰۰ | - | - | - | | A | A | | | | | | A | | | | | | Ā |
| Monthly Call Detail Rec | R35 | _ | ┿ | 1 | + | ╫ | + | + | + | \dashv | -+ | \dashv | | - | В | + = | ТB | ╁ | В | | + | H . | Б | - - | ╌ | Н | \vdash | - | | \vdash | | \vdash | - | <u>-</u> | ۳ | 1~ | - | +~ | -1^ | ╬ | 4 | 十 | + | ` | + | Υ′ | `+ | |
| Mpix-T1-1,544Mbps-Line | R36 | | + | + | + | ╁ | ╫ | - | \dashv | \dashv | \dashv | \dashv | | | ╁╌ | ╁╌ | ╁ | ╁┸ | ۲ | | + | ۲ | ۲ | \vdash | ⊢ | Н | - | - | | ┝╌┤ | | \vdash | | RG | DR. | RB. | BB | BE | . B. | s la r | . | ВВ | e | R F | | 20 6 | a 1 | 88 |
| Mplx-T1-1.544Mbps-Trunk | R37 | - | ╁ | ╅ | ┰ | +- | ╅ | -+ | - | \dashv | \dashv | - | | | ╌ | + | + | + | ╁ | ! - | + | + | ┼ | В | В | BB | H | - | - | Н | - | 1 | - | 00 | 100 | 100 | 100 | - | 7100 | 45 | 4 | 5 10 | - - | , <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u> | - | , | " | |
| | 177 | DD. | 100 | 100 | 100 | 186 | ٠, | 0 0 | 3 D | 20 | вв | | DD | 00 | 60 | 100 | 100 | 100 | 100 | <u> </u> | ВВ | BB | 00 | Р- | ۳- | 00 | | 1 | - | ┝╾╌┥ | | \vdash | Б | 00 | 88 | 100 | ╁ | DE | 3 B | ++- | . - | ВВ | +- | ВВ | . | : - | 3B | = |
| Mult Ntwk Addr/Port-Pkt | R64 | БВ | 100 | 455 | 100 | 100 | B | | | | вв | | | | 100 | 100 | 100 | 150 | 100 | 100 | 100 | 100 | 155 | Λa | BD | 55 | - | - | H | | \vdash | | ۳-1 | | | В | В | В | | | | В | | 8 6 | _ | _ | $\overline{}$ | ĕН |
| Multiline Hunt Group | 105 | DD | 100 | 100 | 100 | , lee | | | | | BB | | | | 90 | lon | | | len. | BD | BD | lan. | 7.0 | | | | 00 | DD | | | - | вв | ь . | | | | | | | | | B 8 | | | | | | |
| Multiplexing-Digital | R75 | | | BB | | | | | | | BB | | | BB | | | | | | | BD | | | | | | DD | | | | | BØ | | | | | | | | | | ВВ | | | | | | |
| Name of Calling Party | 117 | 00 | C | | 100 | 100 | | | | ᇹ | | 히 | | | C | | | | | C | | | | | C | | H | \vdash | 00 | 00 | 00 | DQ | 00 | 0 | 50 | 100 | ВВ | В | , 15, | 45 | 4 | - - | 5 6 | , L | - | ,0 - | " | ,0 |
| Network Reconfiguration | 186 | 00 | | ВВ | 100 | 1 55 | | | | | 허 | | | | | | | | | | BD | | | | | | أهما | | | | - | 88 | | 99 | - | 8 | 86 | - | 3 B | 157 | . | _ | | 8 B | E | , | зв | <i>.</i> |
| Number Forwarding | R38 | 88 | 100 | 100 | 100 | 1 1 1 1 | 712 | <u> </u> | ' '' | " | - | 88 | | В_ | טפ | 100 | 1pp | IBD | 100 | BU | IBD | 100 | lpn | ВВ | 15 | ББ | 00 | | 90 | 100 | 00 | 00 | 00 | 80 | c | c | Ĉ | | | : 12 | | | | C | | | | c |
| | R81 | _ | - | + | + | + | ╬ | + | - | - | | | - | | ╂╼╌ | 1 | ┿┈ | ╁ | + | ├ | ₩ | ₩ | ⊢ | ⊢ | ⊢ | | - | - | | - | | | | \vdash | <u> ~</u> | 1. | ۲ | 1 | | ╁ | | ∸+' | 4 | ۲ | + | 쒸 | 4 | ᅩ |
| Order Entry Service | | ⊢ | 1 | + | + | + | ╇ | + | \dashv | \dashv | | \dashv | | | +- | + | | + | + | + | + | + | \vdash | \vdash | - | \vdash | $\vdash\vdash$ | | $\vdash\vdash$ | Н | | \vdash | - | | _ | - | - | _ | _ | ╁ | | , , | + | , | | 3 _E | , + | \dashv |
| Op Svcs - Auto Call Dist | R39 R65 | - | ┼- | + | + | + | + | + | - | _ | | \dashv | | | 1 | - | + | +- | + | | + | + | - | <u> </u> | BD | 20 | \vdash | _ | - | $\vdash\vdash$ | | \vdash | | | B | В | | B | | | | | | | | | _ | 8 |
| | | <u> </u> | ╄ | + | + | + | ╀ | + | _} | _ | | _ | | ├ | ┺ | + | ╄- | 1- | + | ₩ | ┿ | ₩ | - | | 80 RD | | \vdash | | \vdash | \vdash | | \vdash | | | | В | В | | | | | | | 3 E | | | | B B |
| Perm Virtual Ckt-Pkt | R66 | _ | ┼- | + | + | + | ╀ | + | | \dashv | | _ | | <u> </u> | - | + | - | \vdash | + | ₩ | + | +— | ┼ | B RD | | | \vdash | | $\vdash\dashv$ | \vdash | | \vdash | _ | В | В | В | Ŗ | В | В | В | _B | В | - 5 | <u> </u> | E | <u> </u> | • | <u>-</u> |
| Premier Mssg Svc Interfo | R88 | ⊢ | + | + | + | + | +- | . - | , 1. | | _ | _ | _ | | 1 | 155 | 100 | 100 | 100 | 100 | 100 | - | 100 | | | 8 | | - | <u></u> | | | | $\overline{}$ | \vdash | \vdash | \vdash | + | + | + | + | + | + | + | -+- | | -+ | \dashv | |
| Preselect for Data Svcs | 151 | ! | ╀ | + | + | + | В | E | 5 1 | 3D | 뻐 | В | В | В | IRD | 1գը | RO | 180 | 1RD | RD | 1RD | IRD | עשן | ΒU | la l | 80 | 88 | | CC | CC | UU | CC | Ü | ┡ | <u> </u> | +- | +- | + | بل. | + | + | + | _ | $\overline{}$ | . | . | _ | ᅱ |
| Privacy + | R41 | _ | + | - | + | 1 | 4 | 4 | _ | _ | - | _ | _ | ₩ | 1 | 100 | 100 | + | l _D C | 100 | 100 | 100 | 100 | - | ⊢ | Н | \vdash | | | $\vdash \dashv$ | | \sqcup | | Ľ | C | C | C | 10 | 1 | 45 | 4 | ' ٻ' | c | С | 니 | 니 | ۲ | С |
| Priority Service Install | R40 | <u> </u> | ╀ | 4 | + | - | + | + | \rightarrow | _ | | _ | | | ᄠ | 1 _{RD} | lRΩ | 18D | IRD | RD | BD | IRD | IRD | \vdash | \vdash | \vdash | \vdash | _ | \vdash | \vdash | | \sqcup | _ | \vdash | _ | - | + | ╀ | + | +- | + | + | + | | + | + | \dashv | _ |
| 3/31/2010 Update [Page 3] | — | <u> </u> | + | + | + | ╄ | + | -+ | \rightarrow | 4 | | _ | | | ₽ | + | + | + | + | 1 | \vdash | - | ₩ | — | ╙ | \vdash | $\vdash \vdash$ | | \vdash | H | <u> </u> | \vdash | _ | \vdash | ┡- | \vdash | - | + | + | +- | - | + | + | + | + | + | - | _ |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Service Name (Generic) | | | Αn | ierit | ech | | | | Be | II Atl | anti | : | | П | | | Ве | IISo | uth | | | | N, | YNE | X | Pac | ific | | S | WB. | r | | | | | | | | | west | <u>t</u> | | | | | | \Box |
|---------------------------|---------|-------|--------|--|----------|---------------|-----|--------|---------|--------------|--------|----------|----------|------------|----------------|-----|--------|--------|-----|----|----------|----------|----------|----------|----|-----|-------|----|----------|---------------|----------|----------|---------------|----------|---------------|--|-----|--|--------|------------------|----------|----------|--------------|--------|--------|--------|----------|
| (some Region Specific) | Pg | IL | IÑ | MI | ОН | WI | DE | DC | MD | NJ | PA | VA | w | AL | FL | GΑ | ΚY | LA | MS | NC | sc | ŤΝ | MA | NY | RI | CA | ΝV | AR | KS] | МО | OK | TX | AZ. | ÇO | ID | IA | MN | ΙМΊ | NE | . NM | INC | D OF | ₹ SC | TUI | Ţw | A W | Y |
| Redirecting Name Deliv | R42 | | | | | | | | | | | | | Г | 7 | T | 1 | 1 | | | П | | | | | | | | | | | | | | | | | | \Box | | Ш, | | \mathbf{I} | \top | 6 | | |
| Redirecting Num Deliv | R43 | | | | | | Т | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | | | \Box | | | | | | | | П | | | 7 | C | Ç | С | C | С | C | TC | C | С | ार | : <u> </u> | ;] C | 7 0 | ; (| ; |
| Remote Access Service | R9 | | | | \vdash | 1 | 1 | 1 | 1 | \top | Т | ${}^{-}$ | | ĀΑ | AA | AA | AA | AΑ | AA | AA | AA | AΑ | | | | | | | | | П | | | | | | | | \Box | \Box | Т | \top | \top | \top | Т | Т | |
| Remote Call Forwarding | R44 | | Г | I^- | \Box | $\overline{}$ | Ċ | : 0 | Tc | Tc | Tc | C | C | Ç | 1 c | C | C | С | С | C | टा | C | C | Ç | Ċ | | | | | | | | В | В | В | В | В | В | B | В | В | 3 B | В | [B | 3 B | E | 3 |
| Rev Blig On Ckt Acc | 119 | | | | | | | 1 | 1 | | 1 | | | В | В | В | 8 | B | | | В | В | | | | | | | | | | \Box | | | | | | | \Box | | I | T | \top | \top | \top | \top | |
| Rev Chg Req Optn-Pkt | R67 | | \Box | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | Г | | | | | \Box | | BO | BD | BD | | | | | | | 7 | 8 | 8 | В | | В | | B | 8 | | | В | | В | 8 | |
| Reverse Chg Accept Pkt | 152 | BB | ВВ | вв | BB | BB | B | В | BB | BB | B | ВВ | ВВ | BD | BD | 80 | 80 | BD | 80 | 80 | BO | BD | 60 | BD | BD | BB | | 88 | | | BB | | В | 8 | В | В | В | В | В | В | В | В | ТВ | В | В | В | |
| Route Diversity | 165 | BB | BB | ВВ | 88 | ВВ | ₿ | В | В | В | В | В | В | BD | BD | 80 | BO | 80 | BO | 80 | BO | BO | 88 | BB | BB | | | ₿B | ВВ | BB | BB | ВВ | | | | | | Т | Т | Τ. | Т | Т | T_ | oxdot | \top | \top | |
| Secondary Ch Capability | 166 | ВВ | ВВ | ВВ | ВВ | ВВ | BE | В | ВВ | ВВ | ВВ | В | | | | | | | | | 80 | | | | | BB | | BB | ВВ | 88 | BB | ВB | вв | ВВ | ВВ | B8 | B8 | B8 | BB | BB | BE | 3 B8 | BE | BE | 3 BF | 3 B/ | 3 |
| Security Screen | R46 | | | | | | Г | \top | 1 | 1 | \top | 1 | 1 | 1- | Т | Г | Τ | | | | \Box | | | | | | | | | | | | С | С | C | C | C | TC | C | ; C | - C | ार | ाट | πc | ार | | 5 |
| Selective Call Forward'g | 120 | | | | | | С | ; C | ि | Tc | C | Ç | C | C | C | Tc | С | С | C | C | ट | Ċ | | | | C | O | С | С | С | C | C | C | С | C | C | С | C | 1 C | ; C | C | C | :TC | ार | | 7 | 5 |
| Selective Call Rejection | 123 | С | С | - | С | С | С | ; c | ः ट | | | | С | | | | | | | С | C | C | | | | С | С | С | С | C | Ç | Ç | Ç | Ç | Ç | C | Ç | Ç | C | : C | С | C | | | : 0 | 7 | 0 |
| Selective Call Waiting | R47 | | | | | | П | 1 | 1 | T - | | 1 | | 1 | | | | | | П | \Box | \sqcap | | | | | | | | | | T | С | C | Ċ | C | c | C | C | ि | C | c c | C | ा व | 7 | 7 | <u> </u> |
| Shared Speed Calling | 126 | | | 1 | T | 1 | 1 | C | Tc | \top | 1- | | | 1 | T | | | | | | \Box | \Box | | | | C | | I | П | $\overline{}$ | | | Č | С | С | C | С | Tc | l c | c | - 0 | c C | | ा | | ıΤσ | <u> </u> |
| Single Num Acc-Mult Locn | 128 | | | 1 | T | T | Т | 1 | \top | + | 1 | 1 | 1 | C | 1 | ÌС | C | Ç | Ç | С | c | C | | | | | | | | | | | | | | | | 1 | T | | \top | | \top | \top | 7 | T | _ |
| Speed Calling | 130 | С | С | Ι- | С | С | Ċ | : C | T c | C | C | T | 1 | C | | C | | | Ċ | С | c | C | C | С | С | С | | С | C | С | C | c | С | С | С | С | С | T c | Τc | : C | C | र्ग र | ; | ٦٦ | : T C | : (| 5 |
| SS7MWI | R89 | | | - | | 1 | В | В | В | le" | В | В | В | 1 | | | | | | | | _ | | | В | | | | | | | | | | | | | \top | \top | \top | \top | | | \top | \top | \top | _ |
| Statistical Multiplexer | 168 | | | | | 1 | T | 1 | 1 | 1 | 18 | | 1 | 1 | \vdash | 1 | 1 | | | | \Box | | | | | | | | | | | | | | | 1 | | \top | T | 1 | \top | \top | _ | 1 | \top | \top | Τ |
| Surrogate Client Number | R49 | | | 1 | 1 | 1 | T | 1 | 1 | 1 | т | 1 | 1 | 66 | ВВ | 88 | 88 | 88 | BB | 8 | BB | 88 | | | | П | | | | | | _ | | | | † · · · | 1 | 1 | \top | \top | \top | 1 | \top | \top | \top | \top | |
| Svc Code Denial Ln/Hunt | R48 | | | i | i | Ħ | i | 1 | 1 | | 1 | 1 | 1 | 1 | +- | 1 | 1 | - | - | | | - | | | | ВВ | | 1 | \vdash | | | _ | | | ⇈ | | 1 | \top | \top | \top | + | 1 | \top | \top | + | 十 | _ |
| Switched 56 Kilobit Svc | R50 | _ | - | | - | | W | T AA | . IAA | TAA | TAA | ĪΑΑ | IΑΑ | ĪΑΑ | TAA | ĪĀĀ | IΑΑ | AA | ĀΑ | AΑ | AA | AA | AA | AA | | | | 1 | | | | | $\overline{}$ | | - | 1 | 1 | \top | + | + | 1 | 1 | _ | \top | \top | \top | _ |
| Tandem Routing | 132 | BB | вв | ВВ | BB | BB | | 1 | + | В | В | | 8 | | | | | | | | 88 | | | | | ĀĀ | AA | 1 | | | | | $\overline{}$ | | | 1 | 1 | \top | + | _ | 1 | + | \top | 十 | \top | \pm | _ |
| Third Numb Bill Inhibitd | R52 | | | + | 1 | | t | 1 | +- | ╅▔ | 1 | | T | 1 | T _D | | Τō | | D | | | - | | | | | | С | c | С | С | С | $\overline{}$ | | 1 | T | 1 | 1- | 1 | 1 | 1- | 十 | + | \top | \top | 十 | _ |
| Three Way Call Transfer | 134 | BB | BB | BB | 68 | 68 | BĒ | 88 | 88 | BB | 88 | e | 88 | tec | leo | lво | BD | BD | BD | BD | BO | 80 | 8 | \Box | В | BB | В | | 1 | | | | вв | вв | ВВ | ВВ | 188 | 188 | BE | BB | BF | в ве | BE | s Br | 3 BI | 3 B | 3 |
| Three Way Calling | R53 | | _ | | 1 | 1 | | 3 BB | | | | | | 10 | | | | | c | c | | | | вв | ВB | | 1 | | | | | | | | | | | | | | | B B8 | | | | | |
| Traffic Data Reports | R55 | | 1 | 1 | \vdash | 1 | Ť | Ť | | \top | | | T | 6 | | | | | В | В | | B | | | ВВ | | | | <u> </u> | | | | | | | | | | | | | B BB | | | | | |
| Trans Impry-Ckt Sw Sycs | R56 | | - | | T | 1 | 1 | 1 | Ť | + | 1 | 1 | \vdash | T | T | 1 | | | | Ť | H | Н | | | | | | | | | | | | В | $\overline{}$ | _ | 1 | В | | 8 | | | B | | | | |
| Trunk Side Access Facil | R10 | | | | \vdash | 1 | T | 1 | 1 | T | 1 | 1 | 1 | ĪΑ | A | 1 A | Α | Α | | _ | | A | \vdash | \vdash | | | П | т | | 1 | \vdash | | | Ť | T | 1 | 1 | | 1 | 1 | 1 | T | +- | 7 | 1 | 7 | _ |
| Unif 7D Acc Num Overlay | 138 | | | 1 | 1 | 1 | t | 1 | \top | 1 | 1 | | Ŧ | | | | | | 88 | 6 | 88 | | 88 | \Box | вв | | Т | ı | 1 | t | T | | П | \vdash | T | 1 | 1 | \top | 1 | † | + | \top | 1 | \top | \top | 十 | _ |
| Unif 7D Acc Num RCF | 136 | | | | 1 | t | Е | 3 | † | 1 | В | Ì | † | 1 | 1 | T | 1 | T | | T | П | 1 | | | - | | | | | t | | | | | | 1 | 1 | \top | \top | \top | \top | \top | 十 | \top | \top | \top | _ |
| User Initd Diagnostics | R77 | | | \vdash | 1 | \vdash | Ť | \top | + | \top | 1- | 1 | 1 | Tec | ВО | 80 | BD | BD | 80 | 80 | 80 | BO | \vdash | М | | | | | 1 | t | | | | | \vdash | \top | T | \top | \top | 1 | 1 | 1 | 7 | \top | \top | 十 | _ |
| Ver Intgrty Subscr Lines | | ΒŌ | во | ВĎ | BD | ВĎ | t | \top | \top | T | 1 | 1 | 1 | 1 | 1 | Ť | T | T | | | г | | ΑÄ | AΑ | ĀΑ | ВВ | ВВ | г | 1 | t | | | \Box | \vdash | T | 1 | 1 | \top | 1 | 1 | 1 | \top | _ | \top | \top | 一 | _ |
| Versanet | R78 | | ت | 1 | 1 | T | T | \top | 1 | 1- | 1 | T | 1 | 1 | 1 | 1 | \top | 1 | | | П | П | | М | | | 1 | 1 | | 1 | | | | С | С | С | T C | \top | 17 | : c | \top | 1 | 1 | 10 | 汀 | 十 | _ |
| Warm Line | 139 | С | С | | C | С | T | С | CC | | 1 c | c | C | 10 | C | С | С | С | С | | ि | C | 80 | BD | BD | С | 1 c | C | C | С | С | С | c | Ĉ | Ĉ | | | | T o | | | c c | : | 10 | | : (| 5 |
| Wireless Extension | R57 | Ť | Ť | \vdash | Ť | T | T | Ť | 1 | 1 | T | Ť | 1 | 1 | 1 | Ť | Ť | Ť | | | | П | | | | | Ť | ┪ | Ť | Ť | Ť | \dashv | Ċ | Č | Ĉ | | | 10 | | | | c l d | | | | | |
| | | | | | 1 | 1 | 1 | \top | \top | \top | T | 1 | 1 | т | 1 | Τ- | | \top | | | П | П | | П | | | 1 | Т | \top | \vdash | 1 | | | ┢ | Ť | 1 | T | ╅ | 十 | 1 | | T | 7 | | \top | \top | _ |
| 3/31/2010 Update [Page 4] | | | | 1 | 1 | 1 | t | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | Г | П | | П | | | t^- | T | 1 | 1 | l – | - | | | | 1 | 1 | 1 | \top | _ | 1 | \top | + | + | \top | 十 | _ |
| | | | 1 | <u> </u> | t | T | t | \top | \top | 1 | 1 | 1 - | 1 | ✝ | 1 | İ | 1 | 1 | | 1 | \vdash | \vdash | \Box | П | | | t^- | 1 | 1 | 1 | 1 | | | | | + | T | 1 | \top | \top | \top | \top | \top | \top | \top | \top | _ |
| Page numbers are based on | 1/31/20 | 10 00 | امود | e of | tha (| λΝΔ | Sar | ovices | e l les | r Cu | ida | | • | _ | | _ | _ | _ | _ | _ | _ | • | | | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | | | _ | | | | | | _ | _ | _ |

Page numbers are based on 1/31/2010 release of the ONA Services User Guide.

Page numbers preceded by an R are in Appendix 1 of the ONA Services User Guide, which contains Region Specific services.

Abbreviations A=BSA B≂BSE

C=CNS

D=BSE/CNS

Under each state abbreviation, the left column contains FCC tanff information and the right column contains state tariff information. Please note - recently, various BOCs have completed, or are in the process of completing, corporate mergers. For this document, the old company names will continue to be used (for example, Bell Attantic and NYNEX are listed separately, rather than being combined under the Verizon name; Southwestern Bell and Pacific Bell and Ameritech and BellSouth are listed separately, rather than being combined under the AT&T name)

| Generic Name of Service Abbreviated Name | Generic Name of Service Full Name |
|---|--|
| 555 Access Service | 555 Access Service |
| ADSL Service | |
| | ADSL Service |
| AIN Alternate Routing | AN Terminating Date Callection (Customized Bouting |
| ATM Call Balan Carriag | AIN Terminating Data Collection/Customized Routing |
| ATM Cell Relay Service | ATM Cell Relay Service |
| Acc To Clr Ch Transmissn | Access To Clear Channel Transmission |
| Access To OSS Info | Access To Operations Support Systems Information |
| Access to Cust Prem Anno | Access To Customer Premises Announcement |
| Access to Ordr Entry Sys | Access To Order Entry System |
| Alternate Routing | Alternate Routing |
| Answer Supv'n Line Side | Answer Supervision With A Line Side Interface |
| Asyn Tran Mode (ATM) Svc | Asynchronous Transfer Mode (ATM) Service |
| Auto Disaster Rec. DID | Automatic Disaster Recovery of DID |
| Automatic Callback | Automatic Callback |
| Automatic Protect Swtchg | Automatic Protection Switching |
| Automatic Recall | Automatic Recall |
| Bridging | Bridging |
| Bridging - Line | Bridging - Line |
| C1 TypA - Ckt Sw Line | Category 1, Type A - Circuit Switched Line BSA |
| C1 TypB - Ckt Sw Trunk | Category 1, Type B - Circuit Switched Trunk BSA |
| C2 TypA - X.25 Pkt Sw | Category 2, Type A - X.25 Packet Switched BSA |
| C2 TypB - X.75 Pkt Sw | Category 2, Type B - X.75 Packet Switched BSA |
| C3 TypA - Ded Metallic | Category 3, Type A - Dedicated Metallic BSA |
| C3 TypB - Ded Telegraph | Category 3, Type B - Dedicated Telegraph BSA |
| C3 TypC - Ded Voice Grd | Category 3, Type C - Dedicated Voice Grade BSA |
| C3 TypD - Ded Prgm Audio | Category 3, Type D - Dedicated Program Audio BSA |
| C3 TypE - Ded Video | Category 3, Type E - Dedicated Video BSA |
| C3 TypF - Ded < 64kbps | Category 3, Type F - Dedicated Digital (<64kbps)BSA |
| C3 TypG - Ded 1.544Mbps | Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA |
| C3 TypH - Ded >1.544Mbps | Category 3, Type H - Dedicated High Capacity Digital (>1.544 Mbps) BSA |
| C3 Typl - Ded Airt Trnsp | Category 3, Type I - Dedicated Alert Transport BSA |
| C3 TypJ - Ded Derived Ch | Category 3, Type J - Dedicated Derived Channel BSA |
| C3 TypK - Ded 64 kbps | Category 3, Type K - Dedicated Digital (64 kbps) BSA |
| C4 - Ded Ntwk Accss Link | Category 4 - Dedicated Network Access Link BSA |
| CF Mult Sim Call Intersw | Call Forwarding - Multiple Simultaneous Calls Interswitch |
| CF Var Act w/o Crtsy Cal | Call Forwarding - Variable - Activation Without Courtesy Call |
| CF Var Remote Act/Cntrol | Call Forwarding - Variable-Remote Activation/Control |
| CF Variable | Call Forwarding - Variable |
| CF With Variable Rings | Call Forwarding With Variable Rings |
| CFBL Interswitch | Call Forwarding - Busy Line Interswitch |
| CFBL Intraswitch | Call Forwarding - Busy Line Intraswitch |
| CFBL/DA Cust Act/Deact | Call Forwarding - Busy Line or Don't Answer - Customer Control of |
| | Activation/Deactivation |
| CFBL/DA Cust Chg Fwd No. | Call Forwarding - Busy Line or Don't Answer - Customer Control of |
| | Forward-To Number |
| CFDA After CW | Call Forwarding Don't Answer After Call Waiting |
| CFDA Interswitch | Call Forwarding - Don't Answer Interswitch |
| CFDA Intraswitch | Call Forwarding - Don't Answer Intraswitch |
| CFDA To DID Intraswitch | Call Forwarding Don't Answer To DID Intraswitch |
| Call Denial - Line/Hunt | Call Denial On Line Or Hunt Group |
| | The second secon |

| Generic Name of Service | Generic Name of Service |
|-----------------------------|--|
| Abbreviated Name | Full Name |
| Call Det Rcdg-NXX Screen | Call Detail Recording Reports - via NXX Screening |
| Call Det Recd'g Rpts Pkt | Call Detail Recording Reports (Packet) |
| Call Detail Recrd'g Rpts | Call Detail Recording Reports |
| CEMSS | Call Event and Management Signaling Service |
| CEMSS Subscriber | Call Event and Management Signaling Service Subscriber |
| Call Forwarding Originating | Call Forwarding Originating |
| Call Queuing (NextConnects) | Call Queuing (NextConnects) |
| Remote CF On DID Lines | Remote Call Forwarding On DID Lines |
| Call Redirect Acceptance | Call Redirection Acceptance |
| Call Redirection Packet | Call Redirection - Packet |
| Call Transfer On DID | Call Transfer On DID |
| Call Waiting | Call Waiting |
| Call Waiting Cancel | Call Waiting - Cancel |
| Calling Name Delivery | Calling Name Delivery |
| Calling Name ID | Calling Name Identification |
| Clld DN Deliv via 900NXX | Called Directory Number Delivery via 900NXX |
| Clld DN Deliv via DID | Called Directory Number Delivery via DID |
| Clig Bilg Num Deliv FG B | Calling Billing Number Delivery - FG B Protocol |
| Clig Bilg Num Deliv FG D | Calling Billing Number Delivery - FG D Protocol |
| Clig DN Deliv via BCLID | Calling Directory Number Delivery - via BCLID |
| Clig DN Deliv via ICLID | Calling Directory Number Delivery - via ICLID |
| Closed User Groups Pkt | Closed User Groups - Packet |
| Coin Ph-Post Dial DTMF | Coin Phone With Post Dialing Tone Capability |
| Computr Assist Call Xfer | Computer Assisted Call Transfer Acceptance |
| Computr Assist Dialing | Computer Assisted Dialing Acceptance |
| Conditioning | Conditioning |
| Coord Voice and Data | Coordinated Voice and Data Acceptance |
| Cust Originated Trace | Customer Originated Trace |
| Cut Off On Disconnect | Cut Off On Disconnect |
| Cxr Select On Rvrs Charg | Carrier Selection On Reverse Charge |
| DID Load Across WC | DID Load Across Wire Centers |
| DID Trunk Queuing | DID Trunk Queuing |
| DNAL Alarm Service | Ameritech - DNAL - Type F - Alarm Service |
| DNAL Amtch Reconfig Svcs | Ameritech - DNAL - Type E - Ameritech Reconfiguration Service |
| DNAL Amtch Sw-Cmputr Apl | Ameritech - DNAL - Type G - Ameritech Switch to Computer Applications |
| DIAZE AITION OW-OITIPUL API | (ASCAI) |
| DNAL Ckt Sw Fac Cntrl | Ameritech - DNAL - Type B - Circuit Switch Facility Control |
| DNAL SMDI | Ameritech - DNAL - Type C - Simplified Message Desk Interface (SMDI) |
| DNAL SMDI-E | Ameritech - DNAL - Type D - Simplified Message Desk Interface-Expanded |
| BIVAL GIVIDI-L | (SMDI-E) |
| DNAL STP Access | Ameritech - DNAL - Type A - Signal Transfer Point Access (STP) |
| DS0-B Subrate Multiplxr | DS0-B Subrate Multiplexing Service |
| Data Over Voice (DOV) | Data Over Voice (DOV) Service |
| Default Window Size-Pkt | Default Window Size - Packet |
| Derived Ch (Monitoring) | Derived Channels (Monitoring) |
| | Dial Call Waiting |
| Dial Call Waiting | Dialed Number Identification via INWATS to DID |
| Dialed Num ID/INWATS-DID | |
| Dir Call Pickup w/Barge | Directed Call Pickup With Barge-In |
| Dir Call Pickup w/oBarge | Directed Call Pickup Without Barge-In |

| Generic Name of Service Abbreviated Name | Generic Name of Service Full Name |
|--|--|
| Direct Call Packet | Direct Call - Packet |
| Direct Current (MT3) | Direct Current (MT3) |
| Dist Ring Term Screen | Distinctive Ringing - Terminating Screening |
| Distinctive Alert | Distinctive Alert |
| Distinctive Ringing | Distinctive Ringing |
| Easy Access | Easy Access |
| Ethernet Port Over SONET | Ethernet Ports Over SONET |
| Extended Superframe Cond | Extended Superframe Conditioning |
| Fast Select Accept Pkt | Fast Select Acceptance - Packet |
| Fast Select Request Pkt | Fast Select Request - Packet |
| Faster Signaling On DID | Faster Signaling On DID |
| Flexible ANI | Flexible ANI Information Digits |
| Flow Contr Param Neg-Pkt | Flow Control Parameter Negotiation - Packet |
| Frame Relay Service | Frame Relay Service |
| High Cap Dig Handoff Svc | High Capacity Digital Hand-Off Service |
| Hot Line | Hot Line |
| Hunt Groups Packet | Hunt Groups - Packet |
| Inband Signaling | Inband Signaling |
| Incoming Cls Barred-Pkt | Incoming Calls Barred - Packet |
| Initial Address Message | Initial Address Message |
| Logical Chan Layout-Pkt | Logical Channel Layout - Packet |
| Logical Channels-Pkt | Logical Channels - Packet |
| MLHG Access to Each Port | Multiline Hunt Group - Individual Access To Each Port In Hunt Group |
| MLHG CO Announcements | Multiline Hunt Group - C.O. Announcements |
| MLHG Overflow | Multiline Hunt Group - Overflow |
| MLHG UCD Line Hunting | Multiline Hunt Group - Uniform Call Distribution Line Hunting |
| MLHG UCD With Queuing | Multiline Hunt Group - UCD With Queuing |
| MWI - Packet Access | Message Waiting Indicator - Packet Access |
| MWI ATR Audible Msg Wtg | Message Waiting Indicator (MWI) - Ability To Receive Audible Message Waiting |
| MWI ATR Visual Msg Wtg | Message Waiting Indicator (MWI) - Ability To Receive Visual Message Waiting |
| MWI Act (Audible) Expand | Message Waiting Indicator Activation(Audible) - Expanded |
| MWI Act (Visual) Expand | Message Waiting Indicator Activation(Visual) - Expanded |
| MWI Activation (Audible) | Message Waiting Indicator - Activation (Audible) |
| MWI Activation (Visual) | Message Waiting Indicator - Activation (Visual) |
| MWI Audible/Visual | Message Waiting Indicator - Audible/Visual |
| Make Busy Key | Make Busy Key |
| McCulloh Loop (LS2) | McCulloh Loop (LS2) |
| Message Desk (SMDI) | Message Desk (SMDI) |
| Modem Aggregation Svc | Modem Aggregation Service |
| Monthly Call Detail Rec | Monthly Call Detail Recording |
| Mplx-T1-1.544Mbps-Line | Multiplexing - T1 Transport - 1.544 Mbps-Line Side |
| Mplx-T1-1.544Mbps-Trunk | Multiplexing - T1 Transport - 1.544 Mbps-Trunk Side |
| Mssg Desk Expand (SMDIE) | Message Desk (SMDI) - Expanded |
| Mult Ntwk Addr/Port-Pkt | Multiple Network Address/Port - Packet |
| Multiline Hunt Group | Multiline Hunt Group |
| Multiplexing-Digital | Multiplexing - Digital |
| wuitipiexing-Digital | iviuitipiexing - Digital |

| Generic Name of Service | Generic Name of Service |
|--------------------------|--|
| Abbreviated Name | Full Name |
| Name of Calling Party | Delivery of Calling Party Name |
| Network Reconfiguration | Network Reconfiguration |
| Number Forwarding | Number Forwarding |
| Order Entry Service | Order Entry Service |
| | Operator Services - Automatic Call Distribution |
| Op Svcs – Auto Call Dist | |
| Outgoing Cls Barred-Pkt | Outgoing Calls Barred - Packet |
| Perm Virtual Ckt-Pkt | Permanent Virtual Circuit - Packet |
| Premier Mssg Svc Interfc | Premier Messaging Services Interface |
| Preselect for Data Svcs | Preselection for Data Services |
| Privacy + | Privacy + (Plus) |
| Priority Service Install | Priority Installation Service |
| Redirecting Name Deliv | Redirecting Name Delivery |
| Redirecting Num Deliv | Redirecting Number Delivery |
| Remote Access Service | Remote Access Service |
| Remote Call Forwarding | Remote Call Forwarding |
| Rev Bllg On Ckt Acc | Reverse Billing On Circuit Switched Access |
| Rev Chg Req Optn-Pkt | Reverse Charge Request Option (Packet) |
| Reverse Chg Accept Pkt | Reverse Change Acceptance - Packet |
| Route Diversity | Route Diversity |
| Secondary Ch Capability | Secondary Channel Capability |
| Security Screen | Security Screen |
| Selective Call Forward'g | Selective Call Forwarding |
| Selective Call Rejection | Selective Call Rejection |
| Selective Call Waiting | Selective Call Waiting |
| Shared Speed Calling | Shared Speed Calling |
| Single Num Acc-Mult Locn | Single Number Access for Multiple Locations |
| Speed Calling | Speed Calling |
| SS7MWI | Signaling System 7 Message Waiting Interface |
| Statistical Multiplexer | Statistical Multiplexer |
| Surrogate Client Number | Surrogate Client Number |
| Svc Code Denial Ln/Hunt | Service Code Denial On Line Or Hunt Group |
| Switched 56 Kilobit Svc | Switched 56 Kilobit Service |
| Tandem Routing | Tandem Routing |
| Third Numb Bill Inhibitd | Third Number Billing Inhibited |
| Three Way Call Transfer | Three Way Call Transfer |
| Three Way Calling | Three Way Calling |
| Traffic Data Reports | Traffic Data Reports |
| Trans Imprv-Ckt Sw Svcs | Transmission Improvement for Circuit Switched Services |
| Trunk Side Access Facil | Trunk Side Access Facility |
| Unif 7D Acc Num Overlay | Uniform 7 Digit Access Number via Overlay Networking |
| Unif 7D Acc Num RCF | Uniform 7 Digit Access Number - Remote Call Forwarding |
| User Initd Diagnostics | User Initiated Diagnostics |
| Ver Intgrty Subscr Lines | Verify Integrity of Subscriber Lines |
| Versanet | Versanet Versanet |
| Warm Line | Warm Line |
| Wireless Extension | Wireless Extension |
| AAILCIE22 EVICHUIOH | 44II CICCO EXTERIOR |

3/31/10

ATTACHMENT 2

BELL OPERATING COMPANIES

ONA Special Report #5 Update

Appendix A & Appendix B

MARCH 31, 2010

| | APPENDIX A: RELATIONSHIP BETWEEN ESP REQUESTS FOR NETWORK | |
|-----|--|----------------|
| CA | PABILITIES AND ONA SERVICES | 4 |
| 1. | CALL FORWARDING BUSY LINE/DON'T ANSWER | 5 |
| 2. | ACTIVATION OF CALL FORWARDING VARIABLE WITHOUT CALL COMPLETION | 5 |
| 3. | CALL FORWARD DON'T ANSWER INTEROFFICE | 5 |
| 4. | MULTIPLE CALLS FORWARDED TO DID INTEROFFICE | 5 |
| 5. | CALL FORWARDING WITH STATUS INFORMATION TO ANSWERING BUREAU | 5 |
| 6. | ACTIVATION OF CALL FORWARDING VARIABLE WITH CALL COMPLETION | 5 |
| 7. | CALL FORWARDING WITH CALL SCREENING. | 5 |
| 8. | CALL FORWARDING WITH CALL WAITING | 5 |
| 9. | CALL FORWARDING WITH CALLED AND CALLING NUMBER | 6 |
| 10. | CALL FORWARD DON'T ANSWER WITH VARIABLE RING COUNTS | 6 |
| | CUSTOMER CONTROL OF CFBL/CFDA | |
| 12. | MONITOR & BARGE IN | 6 |
| | SMD1 | |
| 14. | SMD1 WITH AUTOMATIC RINGBACK | 6 |
| 15. | 3-WAY CALL TRANSFER | 6 |
| | SPEED CALLING | |
| | REMOTE ACTIVATION OF CUSTOM CALLING SERVICES | |
| | ESP NOTIFICATION OF ESP'S CLIENT OR BOC CONTROL ACTION | |
| | CALL DISTRIBUTION FUNCTIONS INCLUDING QUEUE | |
| | DERIVED LOCAL CHANNELS | |
| | SCREENING | |
| | CALLING DIRECTORY NUMBER DELIVERY | |
| | DELIVERY OF DIALED NUMBER | |
| | Uniform Abbreviated Dialing | |
| | MULTILINE HUNT GROUPS. | |
| | UNLIMITED SIZE HUNT GROUPS | |
| | INDIVIDUAL ACCESS TO EACH PORT IN A HUNT GROUP | |
| | CLASS FEATURES INTEROFFICE | |
| | SUPPRESSED RINGING. | |
| | TRUNK SIDE ACCESS | |
| | TRUNK SIDE CONNECTION WITH POWER RINGING | |
| | ACCESS TO EXTENDED SUPERFRAME DATA CHANNEL | |
| | TRUNK GROUP MAKE BUSY | |
| | MESSAGE WAITING INDICATION | |
| | Answer Supervision (Connect/Disconnect Indications) - Line Side | |
| | NIGHT TRANSFER | |
| | FASTER SIGNALING ON DID | |
| | POST DIALING DTMF SIGNALING FROM PAYSTATIONS | |
| | SELECTED NUMBER REVERSE BILLING RATE PERIOD SPECIFIC | |
| | SINGLE NUMBER ACCESS FOR MULTIPLE LOCATIONS | |
| | ABILITY TO NOTIFY OR INTERRUPT A CUSTOMER | |
| | ABILITY TO RETURN HELD CALL TO CUSTOMER. | |
| | INTERCONNECTION FOR SPECIALIZED TERMINAL EQUIPMENT | |
| | PROVISION FOR SHARING AN ESP CLIENT AMONG ESPS | |
| | CUSTOM SERVICE AREAS | |
| | STATISTICAL MULTIPLEXER AT CENTRAL OFFICE | |
| | X.25 INTERFACE TO PACKET SWITCH | |
| | X.75 INTERFACE TO PACKET SWITCH. | |
| | ACCESS TO DATA SERVICES | |
| | | |
| | D-CHANNEL DATA DELIVERED ON B-CHANNEL MULTIPLE D-CHANNEL S ON B-CHANNEL | . I I . I I |
| JZ. | IVALIE LICE CLASS MAININE AS AN DECIDANNEL | 1 1 |

| | ESP ACCESS TO D-CHANNEL SIGNALING. | |
|-----|---|----|
| | FEATURE NODE SERVICE INTERFACE (FN/SI) | |
| | SERVICE CONTROL POINT (SCP) DATABASES | |
| 56. | TERM SETS AND INBAND SIGNALING ON ANALOG CHANNELS | 11 |
| | ACCESS TO FUTURE INTELLIGENT FUNCTIONS OF ISDN | |
| 58. | COMPATIBILITY TO EXISTING TERMINALS | 12 |
| | MAPPING ANI TO USER ID (X.75) | |
| 60. | CALLS ACCEPTED WITH BOC'S DNIC OR ESP'S DNIC | 12 |
| 61. | EQUAL ACCESS TO EXCHANGE NETWORK SWITCHING AND TRANSMISSION | 12 |
| 62. | PEAK TRAFFIC HANDLING WITHIN EXCHANGE NETWORK | 12 |
| 63. | ESP DEFINED DYNAMIC ROUTING | 12 |
| | COMMON CHANNEL SIGNALING ACCESS | |
| | DYNAMIC ALLOCATION OF TRANSMISSION CAPACITY | |
| | PROVISION OF BOC NETWORK STATUS INFORMATION. | |
| | REAL TIME ACCESS TO EXCHANGE NETWORK TESTING FACILITIES | |
| | DERIVED CHANNELS THAT COMPLY WITH UL AND NFPA | |
| | ONE WAY ALARM TRANSMISSION | |
| | DERIVED CHANNELS COMPATIBLE WITH ISDN | |
| | DIGITAL PRIVATE LINES (DDS) | |
| | DIAGNOSTIC CHANNEL ON DSO AND SUBRATE LINES | |
| | ERROR DETECTION / ERROR CORRECTION | |
| | ABILITY TO DETECT BREAKS IN TELCO LINE WITHIN 60 SECONDS. | |
| | BROADBAND LINK(S) FOR VIDEO TRANSMISSION | |
| | ABILITY TO RECONFIGURE NETWORKS | |
| | ROUTE DIVERSITY | |
| | AUTOMATIC PROTECTION SWITCHING | |
| | PRIVATE LINE CONDITIONING. | |
| | MULTIPLE MONITORS PER LOOP | |
| | CLEAR ACCESS TO DATA PORTION OF DERIVED CHANNELS | |
| | DISTINCTIVE RINGING. | |
| | 4-Wire Interconnection/Switching | |
| | ACCESS TO CLEAR CHANNEL TRANSMISSION | |
| | USER INITIATED DIAGNOSTICS. | |
| | PASS THROUGH DIAGNOSTICS TO USER | |
| | INBAND SIGNALING. | |
| | BRIDGING | |
| | MONTHLY DETAILED RECORDING | |
| | AUTOMATIC DISABLEMENT OF CALL WAITING TONE DURING DIAL-UP DATA CALL | |
| | ENABLE / DISABLE NETWORK DTMF SIGNALING | |
| | PASSIVE IN-BAND DTMF TONE TRANSMISSION | |
| | EXTEND DTMF TONE SET | |
| | TONE TO DIGITAL TRANSLATION | |
| | | |
| | MULTIPLE CALL FORWARDING | |
| | VIRTUAL DIAL TONE | |
| | REMOTE ACCESS TO USER PROGRAMMABLE FUNCTIONS (PACKET) | |
| | REMOTE SPEED CALL MENU BUILDER (PACKET) | |
| | SPEED CALL MENU BUILDER (PACKET) | |
| | REMOTE SPEED CALL MENU ACCESS TRANSLATOR (PACKET) | |
| | . CARRIER SELECTION ON REVERSE CHARGE | |
| | NETWORK CONTROL BY CUSTOMER FROM CUSTOMER PREMISES | |
| | . REAL TIME TRAFFIC USAGE DATA | |
| | . CENTRAL OFFICE ANNOUNCEMENTS | |
| | . NAME & ADDRESS OF THE CALLING PARTY | |
| | . SUPPRESSION OF AUDIBLE CLICK ON CALL FORWARDING (INTEROFFICE) | |
| 107 | BILLING NUMBER DELIVERY | 17 |

| 108. | PRIVACY (CLASSES OF NON-PUBLISHED SERVICE) | 17 |
|------|---|----|
| 109. | DELIVERY OF TRAVELING CLASS MARK | 17 |
| 110. | USER ID ASSOCIATED WITH CALLING NUMBER AND/OR SERVICE ID CODE | 17 |
| 111. | WARM LINE | 17 |
| 112. | CLOSED USER GROUP (PACKET) | 18 |
| 113. | FAST SELECT (PACKET) | 18 |
| 114. | HUNT GROUP (PACKET) | 18 |
| 115. | CALL REDIRECTION (PACKET) | 18 |
| 116. | DIRECT CALL (PACKET) | 18 |
| 117. | PROGRAMMED DEFAULT CALL FORWARDING | 18 |
| 118. | RESTRICTION OF OUTGOING CALLS (PACKET) | 18 |
| 4 DD | DENDLY D. INDIVIDUAL DECYCNIAL COMPANY DECDONCES TO THE 110 ESD | |
| | ENDIX B: INDIVIDUAL REGIONAL COMPANY RESPONSES TO THE 118 ESP | 19 |
| | • | |

1. Appendix A: Relationship Between ESP Requests for Network Capabilities and ONA Services

The FCC, in its December 22, 1989 Memorandum, Opinion and Order, recognized the 118 requests for notwork capabilities included in BOC Special Report Number 1 as the nationally received requests. Not all of these requests are for particular services. For example, some are for attributes that a service should contain; some are for a service to operate in a particular manner. As a result, some ONA services offered meet a number of network capability requests, while some requests are met by a number of ONA services. There is not a one-for-one relationship between network capability requests and ONA services. In addition, some ONA services may be offered by some regional companies as both a BSE and a CNS, depending on the line that the service is applied to.

The following appendix shows the relationship between each of the requested network capabilities, other requested network capabilities and ONA services. The ONA services listed use the Uniform Names developed by the regional companies and contributed to the IILC Issue 006 ONA Services User Guide Task Group.

Following this Appendix A is a summary table (Appendix B) arranged to be similar to Appendix E of the FCC's December 22, 1988 Memorandum Opinion and Order.

Please note – recently, various BOCs have completed, or are in the process of completing, corporate mergers. For Appendix A and Appendix B of BOC ONA Special Report #5, the old company names will continue to be used (for example, Bell Atlantic and NYNEX are listed separately, rather than being combined under the Verizon name; Southwestern Belland Pacific Bell and Ameritech and BellSouth are listed separately, rather than being combined under the AT&T name).

1. Call Forwarding Busy Line/Don't Answer

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Call Forwarding Busy Line Intraswitch
- Call Forwarding Busy Line Interswitch
- Call Forwarding Don't Answer Intraswitch
- Call Forwarding Don't Answer Interswitch

2. Activation Of Call Forwarding Variable Without Call Completion

This is a request for an attribute of service. It is being met by some regional companies by offering the following ONA service:

Call Forwarding - Variable - Activation Without Courtesy Call

3. Call Forward Don't Answer Interoffice

This request relates to request number 1. It is being met by offering the following ONA service:

• Call Forwarding - Don't Answer Interswitch

4. Multiple Calls Forwarded To DID Interoffice

This is a request for a particular application of a service. It is being met by some regional companies by offering the following service:

Call Forwarding - Multiple Simultaneous Calls Interswitch

5. Call Forwarding With Status Information To Answering Bureau

This request is for a particular application of a service. It is being met by some regional companies by offering the following service:

- Message Desk (SMDI)
- Message Desk (SMDI) Expanded

6. Activation of Call Forwarding Variable With Call Completion

This request is for a service. It is being met by offering the following service:

Call Forwarding - Variable

7. Call Forwarding With Call Screening.

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

Selective Call Forwarding

8. Call Forwarding With Call Waiting

This is a request for two services to interact in a particular manner. It is met by some regional companies by offering the following ONA service:

• Call Forwarding Don't Answer After Call Waiting (CFDA After CW)

9. Call Forwarding With Called and Calling Number

This is a request for a particular application of a service. It is related to request number 5. It is being met by some regional companies by offering the following ONA services:

- Calling Directory Number Delivery via BCLID
- Message Desk (SMDI)
- Message Desk (SMDI) Expanded

10. Call Forward Don't Answer With Variable Ring Counts

This is a request for a service to operate in a particular manner. It is related to request number 1. It is being met by offering the following ONA services:

- Call Forwarding Don't Answer Interswitch
- Call Forwarding Don't Answer Intraswitch
- Call Forwarding With Variable Rings

11. Customer Control of CFBL/CFDA

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Call Forwarding Busy Line or Don't Answer Customer Control of Activation/Deactivation
- Call Forwarding Busy Line or Don't Answer Customer Control of Forward-To Number

12. Monitor & Barge In

This is a request for a service that requires development.

13. SMDI

This is a request for a particular interface. It is related to requests number 5 and 9. It is being met by some regional companies by offering the following ONA service:

- Message Desk (SMDI)
- Message Desk (SMD1) Expanded

14. SMDI With Automatic Ringback

This is a request for a service to operate in a particular manner. Based on the findings in IILC Issue #030 (Message Waiting Indication: Ringback After Busy Transfer), it is being met by some regional companies by offcring the following combination of services:

- Distinctive Ringing Terminating Screening (client needs to have a second telephone number)
- Call Forwarding Variable (or Call Forwarding Busy Line/Don't Answer)

15. 3-Way Call Transfer

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

Three Way Call Transfer

16. Speed Calling

This is a request for a service. It is being mct by offering the following ONA service:

Speed Calling

Updated 3/31/10

17. Remote Activation of Custom Calling Services

This is a general request for a number of services to operate in a particular manner. A specific application of this operation relates to request number 11. It is being met by some regional companies by offering the following ONA services:

Call Forwarding - Variable - Remote Activation/Control

18. ESP Notification Of ESP's Client Or BOC Control Action

This is a request for a service to operate in a particular manner. This operation requires development.

19. Call Distribution Functions Including Queue

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group C. O. Announcements
- Multiline Hunt Group Uniform Call Distribution Line Hunting
- Multiline Hunt Group UCD With Queuing
- DID Trunk Queuing

20. Derived Local Channels

This is a request for service to be delivered using a particular technology. It is being met by some regional companies by offering the following ONA services:

- Data Over Voice (DOV) Service
- Verify Integrity of Subscriber Lines
- Derived Channels (Monitoring)
- Category 3, Type J Dedicated Derived Channel BSA

21. Screening

This is a general request for a network capability. Specific applications of this capability relate to request number 7. It is being met by some regional companies by offering the following ONA services:

- Selective Call Forwarding
- Selective Call Rejection

22. Calling Directory Number Delivery

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Calling Directory Number Delivery via BCLID
- Calling Directory Number Delivery via ICLID
- Message Desk (SMDI)
- Message Desk (SMDI) Expanded

23. Delivery of Dialed Number

This is a request for a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Called Directory Number Delivery via DID
- Called Directory Number Delivery via 900NXX

24. Uniform Abbreviated Dialing

This is a request for a service. It is being met or partially met by some regional companies by offering the following service:

• Shared Speed Calling

25. Multiline Hunt Groups

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group Individual Access To Each Port In Hunt Group
- Multiline Hunt Group Uniform Call Distribution Line Hunting
- Multiline Hunt Group UCD With Queuing

26. Unlimited Size Hunt Groups

This is a request for an attribute of a service. It is related to request number 25. It is being met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group Overflow
- Multiline Hunt Group Uniform Call Distribution Line Hunting
- Multiline Hunt Group UCD With Queuing

27. Individual Access To Each Port In A Hunt Group

This is a request for service. It is related to request numbers 25 and 26. It is being met by offering the following ONA service:

• Multiline Hunt Group - Individual Access To Each Port In Hunt Group

28. CLASS Features Interoffice

This is a general request for a group of services to operate in a particular manner. It is being met by some regional companies by offering the following ONA services:

- Automatic Callback
- Automatic Recall
- Customer Originated Trace
- Distinctive Ringing
- Selective Call Forwarding
- Selective Call Rejection
- Calling Directory Number Delivery via ICLID
- Calling Directory Number Delivery via BCLID

29. Suppressed Ringing

This is a request for a service. This service requires development.

30. Trunk Side Access

This is a request for a service. It is being met by offering the following ONA service:

Category 1, Type B - Circuit Switched Trunk BSA

It is also being met by some regional companies by offering the following service:

Trunk Side Access BSA

Updated 3/31/10

31. Trunk Side Connection With Power Ringing

This is a request for a service. This service requires development.

32. Access to Extended Superframe Data Channel

This is a request for a particular application of a service. It is being met by some regional companies by offering the following ONA services:

- Category 3, Type G Dedicated High Capacity Digital (1.544 Mbps) BSA
- Extended Superframe Conditioning

33. Trunk Group Make Busy

This is a request for a service. It is being met by offering the following ONA service:

Make Busy Key

34. Message Waiting Indication

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Message Waiting Indicator Activation (Audible)
- Message Waiting Indicator Activation (Audible) Expanded
- Message Waiting Indicator Activation (Visual)
- Message Waiting Indicator Activation (Visual) Expanded
- Message Waiting Indicator Packet Access
- Message Waiting Indicator (MWI) Ability To Receive Audible Message Waiting
- Message Waiting Indicator (MWI) Ability To Receive Visual Message Waiting

35. Answer Supervision (Connect/Disconnect Indications) - Line Side

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Answer Supervision With A Line Side Interface
- Cut Off On Disconnect

36. Night Transfer

This is a request for a particular application of a service. It is related to request number 33. It is being met by offering the following ONA service:

Make Busy Key

37. Faster Signaling On DID

This is a request for a particular type of signaling on a service. It is related to request number 23. It is being met by some regional companies by offering the following ONA services:

- Called Directory Number Delivery via DID
- Category I, Type B Circuit Switched Trunk BSA
- Faster Signaling On DID

38. Post Dialing DTMF Signaling From Paystations

This is a request for a service to operate in a particular manner. Existing coin lines operate in the manner requested. It is being met by some regional companies by offering the following service:

Coin Phone With Post Dialing Tone Capability

Updated 3/31/10